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SIXTEENTH
ANNUAL REPORT

OF THE

CITY OF BURLINGTON,

VERMONT,

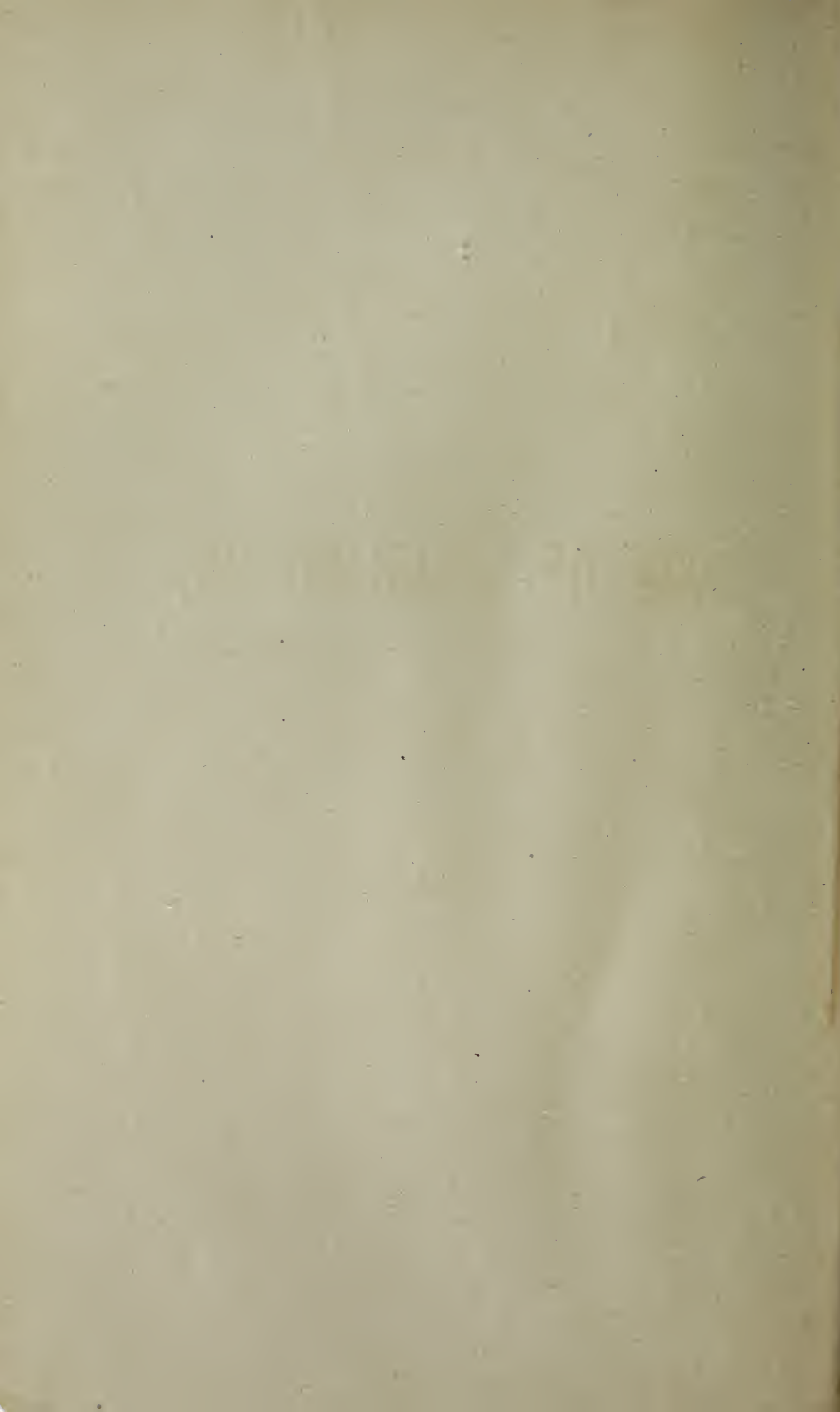
FOR

THE YEAR ENDING DEC. 31, 1880.

BURLINGTON:

R. S. STYLES' STEAM PRINTING HOUSE.

1881.



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ANNUAL REPORT

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VERMONT,

FOR

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RESOLUTION.

Resolution relating to the publication of the Sixteenth Annual City Report, introduced by Alderman Richardson, in the Board of Aldermen, at a meeting held on the 19th of January, 1881, and adopted in the words following :

CITY OF BURLINGTON, }

In the year one thousand eight hundred and eighty-one. }

Resolved, By the City Council of Burlington, as follows :

The City Clerk is hereby directed to prepare for publication the Annual Reports of the City Officers, with such other matter as is usually published in the Annual City Reports, for the year ending December 31, 1880, and by and with the advice and direction of the Committee on Printing and Publication, to procure printed 1,200 copies thereof for distribution among the tax-payers of the City, and for municipal exchanges.

Approved January 20, 1881.

JO D. HATCH, Mayor.

CITY GOVERNMENT.

MAYOR,
JO D. HATCH.

Office,—Vermont Life Insurance Building.

Residence,—Williams Street, with D. C. Linsley.

ALDERMEN:

WARDS.		Term Expires.
I.	GEORGE A. RUMSEY.....	1881
	CHARLES E. ALLEN	1882
II.	GEORGE C. BRIGGS.....	1881
	URBAN A. WOODBURY.	1882
III.	OLIVER VERRAN.....	1881
	E. J. McCARTY.....	1882
IV.	GEORGE H. MORSE.....	1881
	W. H. BRINK.....	1882
V.	A. TAYLOR.....	1881
	A. E. RICHARDSON.	1882

REGULAR MEETINGS OF THE BOARD:

First Monday in each month, at Nos. 1 and 2, City Hall.

PRESIDENT OF THE BOARD OF ALDERMEN,

U. A. WOODBURY,

Office near Pioneer Shops, Lake Street.

Standing Committees of the Board of Aldermen:

ON WATER DEPARTMENT,
BRINK, RICHARDSON, MORSE.

ON FIRE DEPARTMENT,
MORSE, RUMSEY, BRINK.

ON STREET DEPARTMENT,
TAYLOR, RICHARDSON, McCARTY.

ON ACCOUNTS AND CLAIMS,
ALLEN, VERRAN, MORSE.

ON PAUPER DEPARTMENT.
RUMSEY, BRIGGS, BRINK.

ON PUBLIC BUILDINGS AND PARKS,
VERRAN, TAYLOR, BRIGGS.

ON PRINTING AND PUBLICATION,
RICHARDSON, ALLEN, VERRAN.

ON SCHOOL AND LIBRARY AFFAIRS,
McCARTY, ALLEN, TAYLOR.

COMMITTEE ON HEALTH,
BRIGGS, RUMSEY, McCARTY.

ON LIQUOR AGENCY,
The MAYOR, WOODBURY, VERRAN.

CITY CLERK,

And *ex-officio*, Clerk of the "Board of Aldermen," and of
the "City Council,"

WM. H. ROOT.

Office, No. 2, City Hall Building.
Residence, Willard Street,—east side.

CITY TREASURER,

GREENE D. WELLER.

Office, No. 4, City Hall Building.

CITY ATTORNEY,

DANIEL ROBERTS.

Office, Bank Block.

CONSTABLE,

And Collector of State and County Taxes,

LOOMIS J. SMITH,

Office in City Hall Building,—basement.

HEALTH OFFICER,

H. H. ATWATER, M. D.

Office on Pine Street, near Cherry Street.

CITY ENGINEER AND SURVEYOR,

A. R. DOW.

Residence, North Union Street.

CITY GRAND JUROR,

WM. H. HARE,

Office in Bank Block.

CITY JUDGE,

SENECA HASELTON.

Office, Court House,—second floor.

CLERK CITY COURT.

L. F. ENGLSBY.

Office, No. 7, City Hall.

FENCE VIEWERS,

D. C. BARBER, H. N. DRURY.

INSPECTOR OF LEATHER.

FRED JOHONNOTT,

College Street.

SEALER OF WEIGHTS AND MEASURES,

T. A. WHEELLOCK,

College Street.

JANITOR OF CITY HALL,

WM. H. ROOT.

STREET COMMISSIONERS,

A. TAYLOR, E. J. McCARTY, A. E. RICHARDSON.

SUPERINTENDENT OF STREETS,

A. R. DOW.

Office in City Hall Building,—south side.

SUPERINTENDENT OF WATER WORKS,

FRANK H. PARKER.

Office in City Market Building,—south side.

POUND KEEPER,
WM. E. TIBBITTS.

At City Hall.

OVERSEER OF POOR.
HENRY GREENE.

CITY LIQUOR AGENT,
JAMES MITCHELL.
Agency in City Hall Building.

AUDITORS,
SAMUEL A. DREW,
A. B. LOWRY,
HIRAM WALKER.

TRUSTEE OF U. S. DEPOSIT FUND,
GREENE D. WELLER.
City Treasurer's Office.

CEMETERY COMMISSIONERS,
MORILLO NOYES.
Bank Street, west of Church. Term expires 1881.

PHINEAS H. CATLIN.
Shelburn Street. Term expires 1882.

NATHANIEL PARKER.
Main Street, west of City Hall Park, Term expires 1883.

ASSESSORS,
A. W. ALLEN, G. D. WELLER, A. B. WITHERELL.
Office No. 5, City Hall Building.

CHIEF OF POLICE,
LUMAN A. DREW.
Police Station,—south side City Hall Building.

FIRE DEPARTMENT.

CHIEF ENGINEER,
ALBERT S. DREW.

First Assistant	.....	ALEX. CROSBY.
Second “	.....	L. C. GRANT.
Third “	.....	J. B. SMITH.
Fourth “	.....	DAVID WALKER.

FIRE WARDENS,

Ward 1	.....	WM. J. EDGCUMB.
“ 2	.....	ALVARO ADSIT.
“ 3	.....	J. W. MADIGAN.
“ 4	.....	E. F. HENDERSON.
“ 5	.....	FRANK K. CONVERSE.

NOTE.—The term of office of the Mayor and Aldermen commences the first Monday of April, and Assessors the first day of April. One Cemetery Commissioner elected each year for a term of three years, from April 25th. All others of the foregoing named officers, one year from April 25th, of the year of election.

SCHOOL DEPARTMENT.

BOARD OF SCHOOL COMMISSIONERS,

Wards.	Term expires.
1—E. B. TAFT	1882
2—S. HUNTINGTON	1881
3—HEMAN R. WING.	1882
4—Rev. L. G. WARE.....	1881
5—JULIUS W. RUSSELL.....	1881

CLERK OF BOARD,

JULIUS W. RUSSELL.

Regular meetings, first Friday of each month, at 7.30 P.
M., at the office of Superintendent of Schools.

SUPERINTENDENT OF SCHOOLS.

HENRY O. WHEELER.

Office in Fletcher Free Library Building, Church Street.

FLETCHER FREE LIBRARY.

TRUSTEES,

THE MAYOR, *ex officio*, MATTHEW H. BUCKHAM,
LOAMMI G. WARE, EDWARD J. PHELPS,
SAMUEL HUNTINGTON.

LIBRARIAN,

T. P. W. ROGERS.

ASSISTANT LIBRARIAN,

MISS LIZZIE E. MOORE.

WARD OFFICERS.

WARD ONE.

CLERK,

A. P. LOWELL.

INSPECTORS OF ELECTIONS,

A. A. DAVIS, JOHN E. HOGAN, CHAS. P. NASH.

WARD TWO.

CLERK,

E. S. ADSIT.

INSPECTORS OF ELECTIONS,

NEWELL LAWRENCE, E. O. SAFFORD,
JOSEPH LANGLOIS.**WARD THREE.**

CLERK,

WM. GROGAN.

INSPECTORS OF ELECTIONS,

ISRAEL LAREAU, W. H. LEE, C. P. SMITH.

WARD FOUR.

CLERK,

F. H. PARKER.

INSPECTORS OF ELECTIONS,

FRED JOHONNOTT, E. STANLEY HALL,
GEO. E. JOHNSON.**WARD FIVE.**

CLERK,

C. W. BROWNELL, Jr.

INSPECTORS OF ELECTIONS,

WM. SMITH, R. McCOLLOM, M. A. EVARTS.

City Election annually on the first Tuesday in March.

PARTY ORGANIZATIONS.

CITY COMMITTEE.

Republican.		Democratic.
O. S. STORRS,		H. T. SINCLEAR,
L. B. LORD,		S. D. PIERCE,
C. P. SMITH,		GEO. W. HOPKINS,
T. F. EDGAR,		JOEL LINSLEY,
L. J. SMITH.		E. M. SUTTON.

WARD COMMITTEES.

G. A. RUMSEY, H. EUGENE SIBLEY, L. F. ENGLSEBY.	{ Ward 1. {	HENRY McCARTY, Jr. THOS. CROWLEY, JOHN L. McGOWAN.
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E. H. TRICK, WM. ZOTTMAN, A. V. SPALDING.	{ Ward 2. {	GILSON STOCKWELL, HENRY ARNOLD.
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Citizens Committee. J. LEVEE, FRANK GILMOND, JOHN McINERNEY, ELI POQUETTE, C. B. MILLINGTON, MOSES MURRAY.	{ Ward 3. {	MICHAEL KELLY, WM. FITZGERALD.
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L. H. TURK, FAY L. TAFT, ALBERT S. DREW.	{ Ward 4. {	M. NOYES, ALEX. CROSBY, J. W. WARDLOW.
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W. H. LANE, Jr., LOWELL C. GRANT, NAPOLEON WHITE.	{ Ward 5. {	HIRAM S. WHITE, CHAS. F. KNIGHT, E. L. WILLARD.
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COUNTY OFFICERS.

SHERIFF,

LUMAN A. DREW.

Office in New Court House.

JUDGE OF PROBATE,

Hon. T. E. WALES.

Probate Office in New Court House.

REGISTER OF PROBATE.

ELIHU B. TAFT.

Probate Office in New Court House.

COUNTY CLERK,

ANDREW J. HOWARD.

Office in New Court House.

STATE'S ATTORNEY,

M. A. BINGHAM,

Essex Junction, Vt.

MAYOR'S MESSAGE.

[Delivered April 5th, 1880.]

To the Honorable Board of Aldermen :

GENTLEMEN :—The City Charter, among other things, makes it the duty of the Mayor to communicate to your Honorable body, a general statement of the condition of the several departments of the City government, together with such suggestions, as to the future, as may seem to him important, and in accordance therewith, I submit the following :

FINANCES.

The bonded debt of the city is as follows :

The several issues of water bonds, ..	\$244,900.00	
Improvement bonds,	35,000.00	
Burlington & Lamoille Railroad aid bonds,	160,000.00	
		\$439,900.00
The sinking fund holds of city bonds,	\$17,850.00	
Funds on hand, not invested,	34,136.50	
		\$51,986.54
		<u>\$387,913.46</u>
Net bonded debt Jan. 1st, 1879, ...	\$393,550.00	
“ “ “ “ “ 1880, ...	387,913.46	
Showing a net reduction of the bonded debt, during the year 1879, of,	5,636.54	
The Treasurer's account shows the floating liabilities Jan. 1st, 1880, to be	14,195.54	
To meet which, he had on hand un- collected taxes, cash and other assets,	23,260.85	
Leaving balance of assets, over liabilities, ..		\$9,065.31

Warrants amounting to \$4,231.48, have been paid by the Treasurer, and charged to the several departments, since January 1st, 1880. Since the commencement of the present fiscal year, bonds of the city amounting to \$160,000, issued in aid of the Burlington & Lamoille Railroad, bearing interest at the rate of six per cent. per annum, have been refunded, and new bonds issued bearing five per cent. interest, making an annual saving of interest, to the city, of sixteen hundred dollars. One hundred thousand dollars, of the new bonds, were sold at a premium of about $4\frac{1}{4}$ per cent., thereby placing in the Treasury \$4,139.00—a result speaking well for our credit, and showing the confidence felt by capitalists in our future; the balance of the loan, sixty thousand dollars, was reserved to be used as investments for the sinking fund. I would recommend that the Treasurer be instructed to add, to the sinking fund, all sums received for premium on bonds sold.

STREETS AND SEWERS.

This department has drawn from the Treasury the past year as follows :

To pay balance of indebtedness incurred in 1878, \$5,120.60 ; from tax collections, \$6,835.36 ; from city tax appropriation for permanent improvements, \$1,000 ; for filling and sewerage Van Namee lot, \$900 ; for sidewalks, \$800 ; total, \$14,655.96. Its disbursements have been, to pay indebtedness of 1878, \$5,120.60 ; several appropriations above named, \$2,700.00 ; general repairs of streets, sidewalks, street crossings, &c., \$6,809.39 ; total, \$14,629.99. Leaving an excess of receipts over expenditures for the year of \$25.97,—a very satisfactory result, considering the thorough manner of the repairs, and the amount expended in permanent improvements. The following items may properly be classed under the head of permanent im-

provements : 1,425 feet of McAdam road on Lake street, 2,134 feet of flagging and re-setting curb on south side of City Hall, setting some 500 feet curb on Main and College streets, filling, draining and sewerage the Van Namee lot, and that portion of the cost of sewers on Main and Willard streets chargeable to the city, amounting in all to \$3,456.02. 951 feet of 18 inch brick sewer has been constructed in Main street, and 1,015 feet of 12 inch tile sewer has been laid, in Willard street. We have now about $5\frac{1}{2}$ miles of sewers, of various sizes, in good condition, and all excepting a small portion first put in, has been laid in accordance with the general sewer plan, adopted by the city in 1875. The cost of the sewers constructed in Main and Willard streets was \$3,365.58,—\$2,460.85 of which was paid by assessments on abutting property, and the balance, \$904.73, paid by the city. The affairs of this department, during the past year, have been managed with prudence and economy, and it makes the creditable showing of having not only kept the streets in good state of repair, without exceeding the highway tax raised for that purpose, but has from this sum expended nearly eight hundred dollars in permanent improvements. The details of the operations of the department will be found very clearly stated in the report of the Superintendent.

SCHOOLS.

Our schools have always received the generous support of the community, and the large amount, so freely furnished, for their maintenance, clearly indicates that there is no diversity of opinion as to their value and importance ; and every year adds to the favorable estimate in which they are held by the best educators, at home and abroad. The system which, after mature deliberation, was adopted some twelve

years since, when the schools were placed in the hands of a Board of Commissioners, has been steadily pursued, and the results achieved abundantly attest the wisdom and sound judgment, with which they were planned. We have the essentials of good schools: comfortable school buildings, trained teachers, good supervision, and a good course of study, all of which cost money. Some think the supervision has cost too much; be that as it may, all will agree that good supervision is essential to their success. Educational investments always require time for dividends, which cannot be rightly judged of until pupils starting in the lower grades have passed through the entire course, and taken their places as citizens, parents, and patrons of schools. Any inconsiderate attempt to make a radical change in the present system, which has given such satisfactory results, would, in my opinion, expose us to great danger and jeopardise the success already attained. Let us all bear in mind that it is easier to tear down than to build up: the work of years can be ruined in a day. Those who have carefully studied the Annual Reports of the School Department, will notice that the schools are gradually working toward reduced expenses. The provision made the past year for training teachers at home is worthy of special notice, as without adding to our expenses it practically adds a Normal School department to our system, and may lead to a considerable reduction in the gross amount paid for salaries of teachers. Our material prosperity is very largely promoted by the Schools, inasmuch as they bring families here to educate their children, and, like the University, the Fletcher Library, and the Hospital, are valuable indicators of our growth and progress in the elements which go to make our city desirable as a place of residence. The report of the Superintendent shows the receipts to have been

\$19,170.36, and the disbursements \$19,258.91. Showing a deficiency of \$88.55; it has also liabilities amounting to \$1,737.42—a great part of which were incurred for special and absolutely necessary repairs on the High School building, which were not estimated for, and mostly unexpected. Owing to the diminished Grand List of 1879, the receipts were some \$2,000 less than they otherwise would have been. It is expected that a sum equal to 50 cents on the dollar of the Grand List of 1880, will pay current expenses for the present year, and liquidate the balance of indebtedness now standing against the department.

CRIMINAL AND POLICE.

The cost of the Criminal Department for the past year has been : For costs in city and justice courts, \$707.63 ; for board of prisoners in jail, \$393.70 ; incidental expenses, \$266.38 ; total, \$1,367.71 ; less received from costs and mittimuses, \$596.11, leaving as actual expenses for the year \$771.10, being \$239.48 less than in 1878. In the City Court 73 cases have been tried, the costs of which are payable from the City Treasury,—the costs in these cases amount to \$692.03. The amount of fines and costs imposed in cases of conviction, and actually paid into the City Treasury, is \$529.08. The difference between these sums, (\$162.95) shows the actual expense to the city of prosecutions in this court, a result which fully realizes the predictions made on this subject in my last annual message. No mittimuses issued since November, 1878, are outstanding and uncollected, while considerable progress has been made in the collection of those issued previous to that date ; most of those outstanding being against persons who have left the city, thereby relieving us from further expense on their account. The total amount of expenditures in the Police department

have been \$3,073.70, or \$195.20 more than in 1878. 389 arrests have been made, being 41 less than in 1878. Arrests for intoxication have fallen off 49, while for selling, they have increased 16. 43 persons have been committed to the House of Correction, and there are no prisoners in jail at the expense of the city. The report of the Chief of Police gives a detailed and classified statement of the arrests made, and for what offences, and the nationalities of the individuals arrested.

WATER WORKS.

The report of the Superintendent shows the disbursements in this department to have been : For paid interest on bonds, \$14,694.00 ; salary of Superintendent, \$1,000.00 ; general expenses, including cost of pumping, repairs, &c., \$7,766.70 ; total, \$23,460.70. And its receipts for water rates, \$22,139.45 ; coal sold and on hand, \$2,323.35, a total of \$24,462.80. Showing a surplus of \$1,002.10 for the year, as against a deficiency of \$355.64 in 1878, or a net gain of \$1,357.74 for the year. The quantity of water pumped in 1879 was 193,335,173 gallons ; in 1878, 176,521,217 gallons, showing an excess for 1879 of 16,813,956 gallons. Sixteen new hydrants have been set, making the present number of public hydrants 118. The pumping machinery is reported as in good order, and with ordinary repairs likely to remain so indefinitely. By a contract recently made, whereby shavings are to be used as fuel, it is expected that the cost of pumping for the current year will be materially reduced. That the health and prosperity of every city depends largely upon an abundant and unfailing supply of wholesome water, is universally admitted, and this was undoubtedly the primary consideration in the construction of the present works. It is, however, of very great importance that they should earn the interest on their cost and the current expense of operating them. This of

course could not be expected at the outset, or until public confidence in them had been thoroughly established. For the past few years they have been steadily approaching this condition, and now seem fairly to have reached the point of being self-sustaining,—the receipts the past year being \$1,002.10 in excess of the interest on their cost and the current expenses for running them. This result cannot but be gratifying to all our citizens, and especially to those who have steadily supported the present system, in the confident belief that it would in the end prove a source of profit instead of expense to the city, and that time would fully vindicate the wisdom of the plan and the original outlay. The only serious objection ever urged against the present system was, that it would never be made self-supporting. This objection having been thus fairly answered and set at rest and there being no question as to the abundance, regularity and good quality of the supply, it may reasonably be assumed that no further effort will be made to change the present system. It is certainly to be hoped that the present settlement be accepted as final. The agitation of this question in the past has tended very much to delay extension of the works in locations where it is greatly needed; indeed it would have been most unwise to expend anything in the extension of a system about the permanency of which there was a reasonable doubt. It is agreed on all hands that our Water Works have been of great advantage to the city, and the time seems propitious for a hearty union of all in an effort to increase their efficiency by bringing them into still more general use, and extending them prudently to portions of the city that are still unsupplied. The suggestions of the Water Committee and the Superintendent in the last annual report in relation to this matter, is worthy of most careful consideration.

As our water rates are as low, if not lower, than in most cities of our size, I would suggest that all income from the Works, above their current expenses and the interest on their cost, be held as a fund for their further extension. The management of this department during the past year has been eminently wise and faithful, and reflects great credit upon all connected with it. It is a cause of general regret that the late most careful and efficient Superintendent, Mr. A. Torrey, has resigned his position to accept a more lucrative one elsewhere.

FIRE DEPARTMENT.

This is one of the most important branches of the public service, and should be kept up to its present high standard. And it cannot but be a matter of just pride to any citizen to find, when he visits other sections of the country, that the Fire Department of Burlington is everywhere recognized as a model of discipline and efficiency. Harmony and good feeling prevail, and good management appears to have characterized its action the past year; and, on the whole, the department was never in better condition or more reliable in time of need. The report of the Chief Engineer gives in detail the numbers of the force, the condition of the apparatus and buildings, and the cost of its maintenance. The whole cost has been \$2,911.35, or \$1,868.53 less than in 1878. It also shows a reduction in the current expenses of \$409.20. But five fires have occurred, two of which were slight. The amount of insurance paid on property destroyed was \$5,091.22, which nearly covers the entire loss. Its expenses have been kept within the appropriation. The treasurer's books exhibit a balance to its credit of \$88.65, a result which shows that its affairs have been managed with great economy, while its efficiency has not been im-

paired. The several independent organizations have, as heretofore, worked in perfect harmony with the regulars, and rendered very valuable assistance. I would particularly call your attention to the remarks of the Chief Engineer upon the matter of a telegraph fire alarm system. Its importance can in my opinion, be hardly over-estimated, and I trust you will give it at least a careful and thorough examination.

FLETCHER FREE LIBRARY.

This department has drawn from the Treasury the past year \$2,338.79. The appropriation, together with the amount to its credit Jan'y 1st, 1879, was \$2,167.49, which shows an over-draft of \$171.30 for the year—mostly caused by the necessity of employing extra assistants in order to accommodate its numerous patrons. A free library may be regarded in a measure as a great auxiliary to our schools and popular education, and as such is entitled to a liberal support. It is shown by the reports of the Trustees and Librarian to be in excellent condition, and growing in public favor and usefulness from year to year. It numbers now about 12,000 volumes, and shows an annual circulation of 33,000 volumes, or about 2,000 volumes less than in 1878; this decrease, however, does not show in reality a diminished popularity in the use of the Library, the falling off in works of fiction being some 3,000 volumes, while the circulation of the more solid works shows an increase of 2,000 volumes, giving ample proof of its wide influence in stimulating habits of *good* reading, and thereby adding to the general intelligence of the community. The Trustees have given much time and attention to its management, their only compensation being in the consciousness that they are doing something for the public good. Donations from individuals, and other sources

are on the increase. The Trustees would be happy to have any of our citizens examine into its management and make suggestions as to its future. Several needed repairs are suggested in the Librarian's report, to which I would call the attention of the Committee on Public Buildings.

POOR DEPARTMENT.

This department has drawn from the Treasury (and other sources) \$5,175.25, being \$1,763.27 less than in 1878, and \$1884.56 less than the appropriation. The expenditures may be classed as follows: For expenses at Poor House, \$1,696.32; aid furnished outside persons and families, \$2,195.32; care and removal of insane, \$607.78; salaries of Overseer, City Physician, and incidentals, \$704.75. Whilst the revival of business, by giving employment to the poorer classes has tended somewhat to lessen the expenditures in this department, much credit is due the Overseer for careful attention to its varied and perplexing details, and the business-like manner in which he has conducted its affairs. The Overseer very justly speaks in highly complimentary terms of the Ladies Aid Society for its unselfish and devoted attention to the wants of those who, for various reasons, are not properly classed under the head of city paupers, but who by such assistance are saved from being aided directly by the city. There is no duty more difficult and delicate to those persons in charge of the disbursement of public charities than to properly discriminate between those who ask for assistance from necessity and those who are indolent and undeserving. Our present Overseer has given much time and attention to this branch of his duties, and by patient investigation, has arrived at conclusions which have given very general satisfaction. Some complaints of unfair or partial treatment will always be made, but upon examination in most cases the decision of the officer in charge will

be found to be correct. The suggestions made by me on a former occasion, that the Street Commissioners provide employment to the poor by furnishing stone to be broken for use on the streets has been adopted, and with good results, not very gratifying to be sure as to the quantity of stone broken, but as a means of showing the disposition of many of those seeking aid, as only three individuals of all the applicants professing to be willing to work for the sought-for aid have availed themselves of the offer, while the remainder, of course, have been refused any assistance.

SANITARY.

The happiness, prosperity and influence of a State or municipality depend largely upon the health of the people, and it is being yearly more and more recognized as the duty and interest of States and municipalities, to adopt sanitary regulations and organize preventive measures as a part of their government. Now that we have, in this city, a regularly appointed official, and an advisory committee of your number, to watch over our health affairs, with an admirable system for the registration and preservation of statistics of marriages, births and deaths, in good working order, it seems to me to be an opportune time to make this a more complete and independent department of the city government. To accomplish this I would recommend that regular meetings of the Health Committee with the Health Officer, be held for an interchange of views; also that the City Treasurer and Health Officer be required to keep accounts of the expenses of this department, distinct from others, and embody the same in the annual reports, and that the necessary measures suggested by the Health Officer in his report be acted upon as soon as practicable, and before the season of greatest heat and sickness arrives, to-

gether with such other measures, as in your judgment will conduce to the health and comfort of our citizens. The present Health Officer has performed his duties with great ability, and the facts and statistics published in his report are of great value. The total expenses of this department, including salary, have been only \$389.44, a sum entirely insignificant in comparison with the work done.

CONCLUSION.

At the late City election very little attention was paid to political party lines, and they were substantially ignored. It will be fortunate for the city if this precedent be followed in the future, and it will be wise for us to pursue the same policy in the selection of subordinate officers, and setting aside all partisan politics, look only to their fitness for the positions they are to occupy. So shall we promote in the highest degree the efficient and proper administration of the several departments. No *great* decrease in the cost of maintaining our City government can reasonably be expected, without impairing the efficiency of some or all of the departments. The streets must be kept in good condition. Police buildings and all the city property must be maintained in thorough repair. Should we fail to keep the Fire department up to its present high state of efficiency, rates of insurance would be increased by a sum much greater in the aggregate than the present entire annual cost of the department. The policy that fails to do this, is parsimonious, not economical. It has been the good fortune of Burlington to escape the financial disasters that have overtaken so many of the cities and towns in the country, within the past few years. But although we have escaped disaster, business of all kinds has been greatly depressed and at times the prospect ahead has been gloomy, within the last two

years a most welcome change has taken place, and the prosperity that a year ago was little more than a promise has now become well established. The business and trade of the city the coming season promises to be the largest in its history, and it may reasonably be hoped will add materially to our wealth and population. Let us not on any account however, abate anything of our care and watchfulness in the management of our financial affairs. It is in times of the greatest prosperity that the public treasury requires the closest watching. The municipal debts that have ruined so many towns were not contracted in "hard times" when economy was the watchword of every citizen, but in easy going times of prosperous business when money was rapidly made and carelessly spent, and now as we enter upon the duties of the new official year, let us bring to their discharge our utmost zeal and faithfulness. Let us scrutinize closely any new project that demands financial aid from the city and approve only such as are clearly wise and necessary, and undertake not even those unless the condition of the Treasury is such as to fully warrant it, excepting, of course, any extraordinary emergency, when expenditure is imperatively necessary. Let us avoid all enterprizes calculated to promote private interests, or the good of the few at the expense of the many. Before undertaking any work of construction however trifling, let us see that complete plans and careful estimates are prepared that we may know, as nearly as possible, their ultimate cost : in short let us exercise in the administration of city affairs the same faithful care and prudence which we do in our own private business. It affords me great pleasure to commend the action of all the members of the Board the past year. For their fidelity to the trusts committed to them, their adherence to measures of economy, and their determined and successful effort to

keep the expenditures within the estimates, they have merited and will doubtless receive the approbation of their constituents. The harmony and good feeling that existed among the members has had much to do with the gratifying results. I trust the same cordial relations, and the same spirit of co-operation, may continue during the coming year.

JO D. HATCH.

REPORT

OF THE

SUPERINTENDENT OF WATER WORKS.

COMMITTEE ON WATER DEPARTMENT:

Alderman BRINK, Chairman.

Alderman ALLEN,

Alderman RICHARDSON.

To the City Council of the City of Burlington:

GENTLEMEN—

The following is a statement of the receipts and disbursements of the Burlington City Water Works from Jan. 1, 1880, to January 1, 1881 :

R E C E I P T S.

*January 1 to July 15, 1880,—from G. D. Weller,
City Treasurer,.....\$2,747.56

D I S B U R S E M E N T S.

C O N S T R U C T I O N.

Labor on service pipes,	\$38.50
Service pipes and fittings,	108.48
Water boxes and caps,	20.80
	\$167.78

*NOTE. A. Torrey, Superintendent, January 1, to April 1, 1880.
Water Committee and City Treasurer in charge April 1, to July 15.

CURRENT.

Pay rolls for labor	\$586.76
Materials for management and repairs.	139.91
Express and freight.	5.72
Office expenses.	11.28
Printing, advertising and stationery	28.00
Street department, repairing wash-outs	21.50
A. Torrey, Superintendent, salary	249.99
Horse-keeping.	25.00
	<u>\$1,068.16</u>

PUMPING.

Pay rolls.	\$786.75
Additions and repairs to machinery.	157.99
Repairs to building	14.37
Fuel	400.00
Oil, packing, and waste	46.11
Incidentals.	4.25
	<u>\$1,409.47</u>

METERS.

Paid Union Water Meter Company.	\$102.15
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R E C E I P T S.

JULY 15th TO JANUARY 1st, 1881.

From G. D. Weller, City Treasurer.	\$2,700.26
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DISBURSEMENTS.

CONSTRUCTION.

Labor on service pipes	\$79.70
Service pipes and fittings.	85.43
Cast iron pipes and fittings	14.80
Platform at Pump House.	97.56
Water boxes and caps	19.44
Tools.	28.50
Freight and incidentals	11.83
	<u>\$337.26</u>

CURRENT.

Pay rolls for labor	\$323.44
Materials for management and repairs	101.14
Office expenses	7.21
Printing	18.05
Strawing Hydrants	20.00
Incidentals	9.25
F. H. Parker, Superintendent, salary	458.33
Horse keeping, and cartage	132.00
Street department, repairing wash-outs	4.00
	<hr/>
	\$1,073.42

PUMPING.

Pay rolls	\$667.37
Additions and repairs to machinery	217.77
Fuel	11.25
Oil, packing, and waste	73.34
Rent to Central Vermont Railroad Company	150.00
Incidentals	25.05
	<hr/>
	\$1,144.78

METERS.

Paid Union Water Meter Company	\$140.50
“ Freight and Express on Meters	4.30
	<hr/>
	\$144.80

RECAPITULATION.

RECEIPTS.

From G. D. Weller, Treas., Jan'y 1 to July 15, ..	\$2,747.56
“ “ “ “ July 15 to Jan. 1, '81, ..	2,700.26
	<hr/>
	\$5,447.82

DISBURSEMENTS.

Construction, Jan. 1 to July 15,	\$167.78	
“ July 15 to January 1, 1881, ..	337.26	\$505.04
Current, January 1 to July 15	\$1,068.16	
“ July 15 to January 1, 1881, ..	1,073.42	2,141.58
Pumping, January 1 to July 15,	1,409.47	
“ July 15 to January 1, 1881, ..	1,144.78	2,554.25
Meters, January 1 to July 15, ..	102.15	
“ July 15 to January 1, 1881,	144.80	246.95
		\$5,447.82

*HIGHER SERVICE.**RECEIPTS.*

From G. D. Weller, Treasurer	\$10,151.27
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DISBURSEMENTS.

Pay rolls for labor, trenching	899.03
Repairing picks	18.40
Oakum, lead, and wood	100.75
Cast iron pipes and fittings	6,181.61
Freight and wharfage on pipes	522.53
Cartage on pipes, lead and valves	99.50
Labor, blasting	406.42
Powder and drills	139.80
Valves	214.40
Labor on foundations for house and tank ..	763.58
Materials for tank house	520.78
Land and right of way	200.00
Tools, oil, &c	72.92
Shavings	8.45
Incidentals	3.10
	10,151.27

We hereby certify that we have examined the vouchers and accounts of the Water Department from January 1, 1880, to January 1, 1881, and find them correct.

SAM'L A. DREW,	} Auditors.
A. B. LOWRY,	
HIRAM WALKER,	

WATER PUMPED.

1880	Gallons.
January	17,424,394
February	17,925,027
March	19,245,365
April	16,914,338
May	19,153,386
June	23,252,218
July	24,818,219
August	29,072,460
September	23,940,156
October	17,285,443
November	15,512,971
December	17,257,866
Total water pumped in 1880	241,801,843
“ “ “ “ 1879	193,335,173
Excess in 1880	48,466,670

The cost of maintaining the works for the year has been as follows :

Coal on hand Jan. 1, 1880, 450 tons, \$	1,476.00
Current expenses.....	2,141.58
Pumping expenses....	2,554.25
Interest on bonded debt.....	14,694.00—\$20,865.83
Collections of water rates, 1880....	21,061.51
Uncollected water rates	513.30
Coal on hand Jan. 1, 1881, 200 tons	800.00—\$22,374.81
Surplus	\$1,508.98

This shows the water works have paid, above running expenses and interest, the sum of \$1,508.98.

There have been added 40 services, and 150 stop boxes; and 15 hydrant and gate boxes have been replaced.

It would seem that something more substantial than wooden stop boxes should be adopted, as the expense of replacing 150 per year is not the only objection to them. To find a box rotted away, and consequently partially filled with earth, occasions great annoyance when it is necessary to shut off the water. I would recommend the adoption of the Bingham and Morgan iron stop box, a few of which have been used the past season, as one answering our requirements. They are adjustable to any depth, from 4 to 6 feet, thus are readily adapted to changes of grade, and the first cost is but little more than twice that of a wooden one.

There has been repaired since July, 10 breaks and 17 leaks, all on the cement pipe, excepting two of the former, which were on the iron pipe in Pearl street, formerly owned by the old water works. This pipe west of Church street is in bad condition, and should be renewed as soon as practicable.

I would renew the recommendation made in the report of 1877, that the pipe around the corner of Battery and Main streets, be replaced by iron pipe. Owing to the nature of the ground there, it seems to be impossible to keep the joints in cement pipes from leaking. The pipe on William street, for a length of 100 feet, was undermined during the construction of a sewer, and had to be removed. When work on the sewer is continued, it will be necessary to take up more of the pipe and replace by another, farther from the sewer ditch. It is expected that the sewer department will bear the expense of this change.

PUMPING.

The pumping machinery is in good running order. An inspection of the pumping account shows an increase of water pumped over the previous year, unequalled since

1875. The present consumption gives an average of 58 gallons per day per capita, an amount unwarranted by any necessary demands, and to be accounted for almost wholly by the inordinate use of hose and lawn sprinklers, during the dry summer. Unless the persistent use of these articles at all hours is checked, it will soon be necessary to provide additional pumping machinery to supply the summer consumption of water. Any accident to the present machinery during last August would have occasioned a temporary water famine.

METERS.

There are now in use 35 water meters, 9 of which are owned by the city, and 26 by private individuals. There is a growing tendency towards the use of meters; and while they may not directly increase the revenue of the department, they certainly lessen the waste of water, and their use should be encouraged. To that end, I would recommend that the present scale of meter rates be revised, but that persons using water through a meter not be allowed to use a hose at schedule rates, supplied with water not passing through their meter.

HIGHER SERVICE.

Work on the higher service was begun September 29, on arrival of the pipe, and trenching was continued until November 27.

The amount expended to date, as shown by the detailed statement, has been \$10,151.27. The plan devised by Mr. Torrey has been followed, with a few alterations of detail. It was Mr. Torrey's design to lay a pipe from Prospect street across the so-called DeGoesbriand lot, on top of the rock, suitably protected from frost, to a tank located on the Shedd lot. On learning that it was proposed to open a street through the former lot and it would be necessary to cross through this street and to blast a trench part of the way, and that any attempt to locate the tank on the proposed site would be persistently resisted by the owner, it was deemed best to locate the tank on land owned by F. J.

Hendee. A lot was purchased and pipe laid through Mr. Hendee's land in a proposed continuation of Cliff street, thence by right of way to the lot.

A contract with B. S. Nichols & Co. was made for a tank of boiler plate, to be 30 feet in diameter and 20 feet high. The capacity of the tank as erected will be 106,000 gallons. As a protection to the tank, there has been built a brick building, with hollow walls, and dead air space in the roof. In the foundation to this building and tank there were used 171 cubic yards of stone, removed from the pipe trench.

To supply the water to the tank of the higher service, it was the design of Mr. Torrey to use some form of a hydraulic motor placed in the line of the main pipe, and operated by the flow of water to and from the present reservoir.

A motor for this purpose, designed by Mr. W. H. Lang, is now being built under his supervision, by B. S. Nichols & Co. The motor consists of a brass lined cylinder, in which is an air tight plunger 15 inches diameter, 32 inches long, and making a 30 inch stroke, to which is directly connected a pump piston 4 inches diameter, with same stroke. Ingeniously devised mechanism controls the action of the various valves. All parts liable to injury from corrosion are made of brass, while the rods and valve stems are made of phosphor bronze. The motor can be worked both by water passing into or out of the present reservoir.

Should the motor stop from any cause, to prevent accident from excess of pressure from the pumps at the lake, a safety or relief valve is inserted in a bye-pass around the motor, which is opened by the excess of pressure, allowing the water to pass directly into the reservoir. This valve is also arranged to open automatically in case the motor should stop from any cause at a time when the pumps were not running, or should more water be required than could pass through the motor. Work on this extension will be continued in the spring as soon as the weather will permit. The balance of the appropriation, together with the surplus earnings of the department the past year, is deemed to be sufficient to complete this extension.

The satisfactory showing of the department is largely owing to the interest taken in it by the Water Committee, to whom I am under obligation for assistance and advice.

Respectfully submitted,

F. H. PARKER, Sup't.

REPORT OF THE CITY ATTORNEY.

To the City Council :

I have the honor to report the business of this office since January 1st, 1880.

The two cases referred to in the last report of the City Attorney, as then pending against the city, have been disposed of as follows :

The case of John H. McGreavey was tried at the last April term of the Chittenden County Court, and resulted in a verdict and final judgment for the city.

The case of George L. Reynolds was tried at the last September term of said court and resulted in a verdict and final judgment against the city for \$1,700 and costs, a reduction of \$1,300 from the first verdict.

Two suits have been brought against the city and L. J. Smith, collector, and are now pending in Chancery, to enjoin the collection of taxes assessed on the list of 1879 ; one in favor of R. S. Taft and wife, and one in favor of R. S. Taft, administrator of the estate of Henry Whitney. A temporary injunction was granted in each case. These suits were entered at the last September term of the court, and have not yet come to issue.

A bastardy prosecution has been taken in charge by the overseer of the poor, and is pending.

These three suits are the only ones worth notice and now pending, in which the city is interested.

Other routine matters of the office, such as prosecutions for violations of city ordinances, counsel to the different departments, as required, to the end of avoiding litigation as far as possible, have been attended to.

Respectfully submitted,
Burlington, Jan. 1, 1881.

DANIEL ROBERTS,
City Attorney.

REPORT OF THE CITY JUDGE.

Summary of Fines and Costs in prosecutions before the City Court, the costs of which have been paid, or are payable, by the City of Burlington, from January 1st, 1880, to December 1st, 1880, inclusive :

Eighty-one cases against one hundred and three respondents, as follows :

- 60 cases breach of the peace, chiefly assaults.
- 11 cases breach of city ordinance.
- 8 cases petit larceny.
- 1 case pointing fire-arms.
- 1 case receiving stolen goods.

	Fines.	Costs.
57 respondents fined, and fines and costs paid into court and to city treasurer,	\$147.00	\$346.08
10 respondents fined, and fines and costs collected by officers on mittimuses, and paid to city treasurer	48.00	77.86
2 respondents fined, and fines and costs remitted by Mayor	7.00	20.59
1 respondent in an ordinance case committed to jail,		6.87
18 respondents acquitted		122.84
14 respondents discharged on <i>nolle prosequi</i> ,		79.11
1 respondent absconded after continuance, before trial		11.27
	\$202.00	\$664.63

The total costs amount to \$664.63.

The amount of fines and costs collected and paid into the city treasury is \$618.95.

The excess of costs over payments made into the treasury is \$45.68.

No appeals have been entered in the County Court. All mittimuses issued during the year have been returned.

SENECA HASELTON,
City Judge,

REPORT
OF THE
CITY LIQUOR AGENT.

JAMES MITCHELL, AGENT.

	Dr.
To cash on hand January 1, 1880.....	\$ 9.00
invoice of liquors on hand January 1, 1880.....	422.29
Liquors purchased	1919.78
Office expenses	4.74
Freight bills paid	57.52
Insurance on liquor	4.50
Coal bills	24.00
Gas bills	4.68
Water bills	10.00
Door Lock	1.52
Register book	6.75
Rent of Agency	200.00
Agent's salary	550.00
Balance to profit and loss ..	457.49
	\$3,672.27
	Cr.
By sales in city, and paid city treasurer	\$2,444.88
Sales to towns, and paid city treasurer	826.12
Empty barrels sold ..	40.44
Invoice liquors on hand January 1, 1881.	355.63
Cash on hand " "	5.20
	\$3,672.27

We, the undersigned, have examined the vouchers and accounts of James Mitchell, City Liquor Agent, and find them correct.

SAM'L A. DREW, }
A. B. LOWRY, } Auditors.
HIRAM WALKER, }

REPORT

OF THE

OVERSEER OF THE POOR.

To the Mayor and Board of Aldermen :

GENTLEMEN :—The statement of receipts and disbursements of the Poor Department for the year commencing January 1, and ending December 31, 1880, is as follows :

RECEIPTS.

Cash of City Treasurer	\$4,554.82
Cash from sales from poor farm	183.45
Cash from other sources	2.50
Wood on hand January 1, 1880...	397.08
	<hr/>
	<u>\$5,137.85</u>

DISBURSEMENTS.

Paid 21 transient poor persons,	47.57
Removal 2 transient insane persons to insane asylum, Brattleboro, Vt.,	56.70
Aid furnished 166 persons and families outside poor house.....	1,681.59
Wood and coal furnished 66 families,	441.49
	<hr/>
	\$2,227.35
Poor house expenses	1,146.14
1 wagon	55.00
1 stove.....	15.00
1 sewing machine	12.00
1 plow.....	8.00
Coal	150.00

Disbursements—Continued.

Wood	35.90	
L. P. Fuller, salary	133.00	
John M. Miller, salary	233.33	
Insurance on pest house	7.50	
Insurance on poor house, three years policy	45.75	
	<hr/>	\$1,841.62
Salary of City Physician	200.00	
Vermont insane asylum, for care of city insane, for 12 months per ac- count	265.75	
Salary of Overseer	500.00	
Wood on hand, 26 cords	103.13	
	<hr/>	\$1,068.88
		\$5,137.85
Deduct wood now on hand	103.13	
“ coal “ “ “	109.11	
	<hr/>	212.24
Actual cost of outside poor and poor house		\$4,925.61

We, the undersigned, have examined the accounts and vouchers of Henry Green, Overseer of the Poor, from December 31, 1879, to December 31, 1880, inclusive, and find the same correct.

SAM'L A. DREW,	} Auditors.
A. B. LOWRY,	
H. WALKER,	

PRODUCE ON HAND DECEMBER 31, 1880.

Fourteen tons hay ; 40 bushels oats ; 160 bushels potatoes ; 5 bushels carrots ; 3 bushels turnips ; 10 bushels beets ; 6 barrels apples, 1250 pounds pork ; 100 heads cabbage ; 5½ bushels beans ; 2 bushels onions ; 2 bushels seed corn ; 1½ barrels flour ; 45 pounds tea ; 80 pounds lard ; 1 barrel vinegar ; 1½ barrels cider ; ¼ barrel salt ; 75 pounds butter ; 25 pounds sugar ; 10 pounds candles ; 300 pounds beef.

LIVE STOCK ON HAND DECEMBER 31, 1880.

Two horses ; 6 cows ; 3 shoats ; 30 fowls.

THE FOLLOWING PERSONS WERE INMATES OF THE POOR HOUSE, JANUARY 1, 1881.

NAME.	AGE.	NATIVITY.	DIFFICULTY.	TIME IN POOR HOUSE.	WHEN LEFT.
John Trudo,.....	96	Canada.....	Destitute.....	21 years.....	.....
John Murphy.....	65	Ireland.....	Destitute.....	12 ".....	.....
George Wilson.....	67	Ireland.....	Consumption...	3 " 2 months.....	.....
Thomas Brassell,.....	65	Ireland.....	Destitute.....	13 ".....	.....
Jack King.....	81	Burlington, Vt.....	Destitute.....	9 ".....	.....
Ann Martin,.....	80	Ireland.....	Destitute.....	6 " 6 months.....	.....
Mary McCaffrey,.....	86	Ireland.....	Destitute.....	3 " 4 ".....	.....
Margaret Brassell,.....	68	Ireland.....	Destitute.....	12 " 9 ".....	Died Oct. 8, 1880.
Jane Blinn,.....	42	Georgia, Vt.....	Insane.....	5 " 9 ".....	.....
Joseph Mitchell,.....	25	Burlington, Vt.....	Epilepsy.....	2 " 7½ ".....	Discharged Nov. 27, '80
Esther Durant,.....	59	Canada.....	Destitute.....	3 " 2 ".....	Discharged May 1, 1880
Isabella Cox,.....	59	Ireland.....	Consumption.....	2 " 3 ".....	.....
Samuel Bowen,.....	58	England.....	Blind.....	3 " 7 ".....	.....
Bridgett Grinnin,.....	67	Ireland.....	Destitute.....	2 ".....	Died June 4, 1880.
Jeremiah Lyon,.....	50	Ireland.....	Destitute.....	2 months.....	Discharged July 20, '80
W. H. Deavitt,.....	38	Ireland.....	Destitute.....	2 ".....	Discharged April 8, '80
Mrs. W. Deavitt,.....	76	Ireland.....	Destitute.....	2 ".....	Discharged April 8, '80
Benjamin Law,.....	75	Burlington, Vt.....	Destitute.....	3 ".....	Discharged April 3, '80
Michael Madigan,.....	36	Ireland.....	Destitute.....	6 ".....	Discharged Oct. 15, '80
Katy Smith,.....	50	Ireland.....	Destitute.....	1 ".....	Discharged Nov. 5, '80
James Dunlavy,.....	65	Ireland.....	Destitute.....	2 ".....	.....
James McGallion,.....	67	Ireland.....	Destitute.....	1½ ".....	.....
Robert McGraw,.....	56	Ireland.....	Destitute.....	1½ ".....	.....
James Walton,.....	43	Ireland.....	Destitute.....	2 ".....	.....

INSANE POOR AT ASYLUM.—ACCOUNT TO AUG. 1. 1880.

NAME.	AGE.	NATIVITY.	TIME IN ASYLUM.	EXPENSE
Oliver Blinn.....	33	Burlington Vt.,	16 years, 11 months	\$182.00
Francis Metcalf..	46	Washington, Vt	7 years, 4 months	182.00
				<u>\$364.00</u>

O. Blinn, State aid,..... \$52.00

F. Metcalf,..... 52.00—\$104.00

\$260.00

Theophilus Gamby, expenses to Burlington,..... 5.75

\$265.75

HENRY GREEN,

Overseer Poor.

REPORT
OF THE
Chief Engineer of the Fire Department.

To the Mayor and Board of Aldermen :

GENTLEMEN,—

I take pleasure in presenting my fourth report, (the 16th annual report of the Fire Department) for the year ending December 31, 1880, comprising a detailed statement of each fire and alarm ; date, time, location, origin and amount of insurance paid on each case of loss. The department has answered, during the time stated, to 22 alarms ; of these, 17 were fires and 5 were false alarms,—an increase of 12 alarms and 12 fires over 1879. A great part of the fires were slight, as the table below will show, and we have reason, as before, to congratulate ourselves on the remarkable exemption from extensive conflagrations, when we consider the great number of frame buildings throughout the city. It is remarkable that we have not met with more serious losses by fire. The total amount of insurance paid on property destroyed was \$9,578.53, an increase of \$4,487.31 over last year,—not at all discouraging when we consider that we commenced 1880 with the largest fire we have had for years, viz., the pioneer building. Our firemen were not on hand as promptly as usual, owing to an unaccountable delay in sounding the alarm ; however, they did excellent service as *soon* as called, as they always do. This, I may be permitted to state, is not only good testimony to the activity and efficiency of the department, but reflects credit on the liberality of your Honorable body in providing first-class material and apparatus—such as is required by every well regulated department. I have to acknowledge the many courtesies extended to myself and the officers and members of the department

TABLE OF ALARMS. SHOWING DATE, TIME, LOCATION, PROPERTY, ORIGIN, INSURANCE PAID.

DATE.	TIME.	LOCATION.	PROPERTY.	ORIGIN.	INS. PAID.
Feb. 3,	6-15 A. M.	Lake St	Pioneer Building	Supposed falling of lantern.....	\$7,005.40
March 1,	2-45 P. M.	Battery St.....	P. Cavanaugh estate.	Sparks from chimney.....	9.47
April 7,	7-15 "	Winooski Ave..	E. Newell	Upsetting lamp.....	
April 16,	9 A. M.	Main St	American Hotel	Overheated stove	41.86
May 4,	.....	So. Burlington.	L. A. & A. A. Drew, Slaughter House.	Supposed incendiary.....	
May 11,	8 A. M.	Lafountain St..	Wm. Blondin.....	Defective flue.....	115.00
May 29,	12 P. M.	Pine St	Spool Factory.....	Unknown.....	
June 21,	9 A. M.	Lake St	M. Noyes' Ware House	Sparks from locomotive.....	7.55
July 6,	9-45 P. M.	Main St.....	N. Parker's residence.....	Wind blowing curtain in gas light	16.20
July 9,	7 "	King St.....	M. Noyes' tenement	Overheated stove pipe.	3.00
July 9,	7-15 "	Church St.....	Burnham's Photograph Parlors.....	Lamp explosion.	5.00
Aug. 5,	.....	College St.	Strong's Hardware Store.	Burning of window curtain.....	3.75
Aug. 17,	9 A. M.	Battery St.....	House near Van Sicken, S. & Co....	Unknown.....	
Sept. 3,	12 M.	"	R. R. Ice House.....	Unknown.....	
Sept. 21,	5 P. M.	Lumber Dist....	"	False alarm	
Sept. 23,	4-30 "	"	"	False alarm.....	
Sept. 25,	5 "	Maple St.....	Van Sicken, S. & Co.'s Store House.	Supposed sparks from cigar.....	500.00
Oct. 3,	3 "	St. Paul St.....	Geo. F. Tryon, residence	Sparks from chimney.....	
Oct. 5,	4 "	King St.....	M. Noyes Tenement House	Children playing with matches...	1,600.00
Nov. 3,	8-45 "	Pearl St	H. P. Hickok's Barn.....	Unknown.....	
Dec. 20,	10-30 A. M.	"	"	False alarm, repairing bell.....	
Dec. 20,	9 P. M.	Pearl St.....	Meach Place.....	Chimney.....	
Losses paid where no alarm was given.....					\$9,305.23
					273.30
					\$9,578.53

DEPARTMENT APPARATUS

is in fine condition, in every particular.

DEPARTMENT HOUSES.

The houses occupied by the several companies of the department are in good condition, except the one occupied by Star Hose Company No. 2 ; this house is in very poor condition, and should receive your immediate attention.

HOSE.

Our hose (most of it) is in very poor condition, and I would recommend the purchase of 1,500 or 2,000 feet of first quality leather hose. The question will be asked how are we to care for it? I would recommend a central hose house, where each company, after a fire, could go and get a change of hose and be ready for the next emergency. We should have at least 8,000 feet in the department, first quality hose. Most of the companies have not enough for a change, consequently take the hose to the mill or string on chairs before the fire for the purpose of drying ; should a fire occur in the meantime they would have no hose on their cart ; a circumstance that never ought to occur.

HYDRANTS.

We have 118 public fire hydrants, with about 20 private ones. I am not aware of any new ones being placed the past year, but would recommend the placing of a hydrant at corner of King and Battery streets, one at corner of College and Battery streets, and one at foot of Maple street, west of railroad crossing. There is much property in that vicinity, and it should be protected.

ANNUAL PARADE.

The annual parade and inspection occurred September 23d ; a full turnout of the regular and independent companies, and a handsome procession. It being conceded by

the Press and all concerned, to be by all odds the handsomest of the kind ever witnessed in Burlington. The visiting companies—Trojan Hook and Ladder Company of Troy, N. Y., and the Joseph W. Sawyer Hose Company of Winooski, Vt., adding in a great degree to its success; though I must say credit is due our home companies for their excellent marching and good behaviour during the day. The decorations along the line were profuse and magnificent, and were fully appreciated by the firemen.

FIRE DEPARTMENT FINANCES.

Appropriation fund	\$3,000.00
Current expenses... ..	\$1,349.47
Rent of halls	235.00
Water.....	1,200.00
Chief's salary.....	100.00
	<u>2,884.47</u>
Surplus	\$115.53

It will be seen from the figures above, that the good work of economy goes on, and shows good management of our excellent committee; and should convince our tax payers that they should not be desirous of a change.

OUR FIRE ALARM TELEGRAPH

is a success, is in good order, and ready for use. Have had but two alarms, viz: December 20th, box 25—corner North Union and Pearl street; January 1st, box 51—corner South Union and Maple street. The firemen responded promptly and found no difficulty in locating the alarm—a somewhat remarkable fact, being the first alarms given by the new system. We have in the city total, 15 boxes—10 being purchased, and 5 on trial. I would recommend the purchase of the 5 already placed, and the purchase of 10 additional ones, as it is quite apparent the nearer the boxes, the more successful the system. It has been mentioned that we should have a regular fire bell, and as the city has been to a great expense in placing boxes, &c., it would not be out of

order for some of our public-spirited citizens to advance some theory by which the same may be purchased. Some fault has been found with the new alarm, but I can assure all, as they become accustomed to it, it will be perfectly satisfactory. The signal alarm that is given at 9.15 a. m., by H. E. Adams, has already proved very convenient to many, giving true railroad time, also assuring our citizens that the alarm is in perfect working order.

OFFICIAL DIRECTIONS

to key holders of the fire alarm signal boxes. Key holders changing their place of residence are requested to return keys to the Chief Engineer of the Fire Department. Under no circumstances will key holders transfer their keys to other parties, or other locations. Never give an alarm from any box for a fire seen at a distance ; give alarm only from box nearest the fire. On opening a box for the purpose of giving an alarm, if you hear the small bell inside striking, it indicates that an alarm has been given from some other box ; in such cases wait until the striking of small bell is ended before you pull the hook at that box.

OUR FORCE

consists of 2 hand engines, 1 hook and ladder truck, and 6 hose carts. The force of the department consists of 291 members, including board of engineers. The several companies have elected their officers for the ensuing year, and in every instance have made excellent selections.

OUR VOLUNTEER

or Independent Department should have a share in my report. The several companies of this department have responded to all alarms, and when needed, have done excellent service. Volunteer Hose Company have furnished a house for their elegant hose carriage on Bank street, between Church and St. Paul street, a very central location—and no doubt, in responding to alarms, will make it inter-

esting for some of our regular companies. In conclusion allow me to express my thanks to your Honorable body ; to the firemen of the several companies, both regular and independent, and also to my assistant engineers for their excellent services at all times ; also to the committee on fire department : to them a large share of credit is due for their prompt responses to all requests made to them to provide for the department. I must not forget to mention the munificent gift of J. R. Booth to the department of \$100, in recognition of services rendered February 3d. The same is on deposit at Farmers' and Mechanics' Savings Institution and Trust Company.

Respectfully submitted,

A. S. DREW,

Chief Engineer B. F. D.

COMMITTEE ON FIRE DEPARTMENT:

Alderman MORSE, Chairman.

Alderman RUMSEY,

Alderman BRINK.

COMPANY STATISTICS.

—o—

HOOK AND LADDER COMPANY NO. 1.

Foreman, WILLIAM DENNING.

1st Assistant, PATRICK BUTLER.	2d Assistant JOHN SULLIVAN.
3d Assistant, PETER MILLER.	Clerk, WM. GROGAN.
Treasurer, E. M. SUTTON.	Auditor, PETER MARANGO, Jr.
Steward, JOHN FOLEY.	

MEMBERS :

Bray, Joseph	Gorman, Edward	Miller, Stephen
Bresnihan, John	Guyette, Abram	Miller, Peter Jr
Chiotte, Henry	Gorman, Thomas	Moore, Michael
Collins, Matthew	Hastings, John	Murphy, George
Conley, Daniel	Hayden, James	Murphy, Thomas
Contoir, Louis	Hudson, George	Murray, James H.
Croto, Alex	Heffron, Martin	Nero, John
Croto Joseph	Johnson, Wm. L.	Powers, Wm.
Delibac, Moses	Kelley, John	Perrault, Henry
Dugan, Richard	Kelley, Wm.	Russell, Thomas
Dunn, Wm	Kelley, Michael	Shambo, Charles
Doxy, Alfred E.	Kennedy, Samuel	Sheridan, John
Daley, John	Latour, Wm.	Welch, Thomas
Daley, Hugh L.	Lovejoy, Stephen	Watson, Wm. H.
Faga, John	McCarty, John	Riley, John
Fitsimmons, Patrick	Miller, Alex	Strong, Robert C.

CITY PROPERTY IN CHARGE OF HOOK AND LADDER CO. NO. 1.

1 truck, 2 iron bars, 2 torches, 2 forks, 6 roof chains, 4 guy ropes, 1 hammer, 1 wrench, 1 iron jack, 4 axes and pouches, 2 big hooks with 120 feet rope, 150 feet rope, 4 lanterns, 1 65 feet extension ladder, 1 58 feet splice ladder, 1 38 feet ladder, 1 24 feet ladder, 1 20 feet ladder, 2 19 feet ladders, 2 17 feet ladders, 1 15 feet ladder, 6 14 feet roof ladders, 20 pikes, 2 side lamps, 1 head lamp, 1 coal stove and pipe. All in the truck room, all in good order.

IN HALL.

2 chairs, 13 settees, 1 wood stove and pipe, 3 tables, 13 spittoons, 1 broom, 1 snow shovel, 1 feather duster.

STAR HOSE COMPANY NO. 2.

Foreman, J. C. STANNARD.

1st Assistant, C. H. COTA.

2d Assistant, GEO. E. WRIGHT.

Auditor, L. C. GRANT.

Clerk, GEO. E. COWLBECK.

Treasurer, A. H. DUHAMEL.

MEMBERS :

Austin, A. L.	Hayes, W. E.	Pine, Louis
Barnes, A. E.	Langlois, J. L.	Sheridan, John
Bedard, F.	Liberty, Hector	Stannard, J. C.
Baird, J.	Langdon, F. R.	Spear, H. E.
Cota, C. H.	Muir, Charles	Sequin, L.
Cowlbeck, G. E.	Milford, C. T.	Thompson, J. J.
Duhamel, A. H.	Mahar, P.	Welcome, Louis
Dyon, Sol.	Murphy, T.	Wright, Geo. E.
Grant, L. C.	O'Connell, Jas.	

CITY PROPERTY IN CHARGE OF STAR HOSE CO. NO. 2.

1 cart service pipe, 1 small practice pipe, 3 axes, crow-bar, hydrant wrench, 500 feet of linen hose, 2 whiffletrees, 4 rubber coats, 1 monkey wrench, 8 spanners, 6 ladder straps, 3 side lamps complete, 1 table, 3 arm chairs, 3 settees, 1 drinking cup, 2 oil cans, 1 broom, 2 patent hydrant wrenches, (not in use), $\frac{1}{2}$ cord of wood, $\frac{1}{4}$ ton of coal, chamois skin, 1 patent hose patch, dust pan, sponge and pail.

BOXER ENGINE COMPANY NO. 3.

Foreman, T. E. DOOLEY.

1st Assistant, D. E. FLYNN.

2d Assistant, F. C. KNOX.

Clerk, GEO. MATTHEWS.

Treasurer, ALEX. CROSBY.

Auditor, PATRICK RITCHIE.

MEMBERS :

Arnold, Henry	Lee, E. L.	O'Brien, Michael
Brooks, C. E.	Mulqueen, John	O'Brien, Jerry
Battise, Ed. A.	McCarty, E. J.	Powers, M. W.
Brothers, Frank	Mitchell, Dan.	Quinn, W. P.
Brown, Wm.	Mitchell, Jacob	Ritchie, Pat.
Crosby, Alex.	Morrison, J. B.	Rush, L. J.
Clark, C. F.	Murphy, T. E.	Rogers, O. M.
Crocker, Ed.	Matthews, Geo.	Ryan, O. E.
Dooley, T. E.	Miller, Joseph	Smullins, E. J.
Daly, W.	McDonald, John	Shortsleeves, Fred
Dowd, J. E.	Munson, Geo.	Sullivan, J. J.
Flynn, D. E.	Mayo, E. F.	White, James
Frenier, Henry	McLaughlin, Martin	Wardlow, J. W.
Kelley, T. H.	Malloy, Michael	Winters, Wm.
Knox, F. C.	Miller, John	Wilson, T. H.
Lane, H. S.	McAuliffe, Wm.	
Leonard, J. E.	Matthews, James	

CITY PROPERTY IN CHARGE OF BOXER ENGINE COMPANY NO. 3.

1 hand engine, "Hunneman manufacture," 1,000 feet hose, 2 play pipes with engine, 4 fire buckets with engine, 2 axes with engine, 1 crowbar with engine, 2 spanners with engine, 1 hose cart, 1 fire pipe with cart, 1 axe, 1 crowbar, 2 rubber coats, 2 rubber caps, 4 ladder straps, 3 hose patches, 3 hose spanners, 1 monkey wrench, 1 hydrant wrench, 2 wood stoves and pipes, 1 oil can, 11 settees, 6 chairs, 2 tables, 10 spittoons,—all in good order,

ETHAN ALLEN ENGINE COMPANY NO. 4.

Captain, W. H. LANE, Jr.

1st Assistant, J. VAN SICKLEN.	2d Assistant, F. H. WELLS
Secretary, E. STANLEY HALL.	Treasurer, F. L. TAFT.
President, CHAS. E. MINER.	Vice President, J. W. RUSSELL.
Auditors, JOHN E. PECK, B. J. DERBY, A. S. DREW.	

MEMBERS :

Adsit, E. S.	Hill, H. R.	Rogers, T. P. W.
Atwood, L. A.	Hindes, G. W.	Russell, J. W.
Ailen, J. B.	Holmes, G. W.	Roberts, R.
Bowman, W. F.	Johnson, Geo. E.	Smith, C. P.
Brownell, C. W. Jr.	Johnson, S. E.	Storrs, O. S.
Brownell, A. W.	Johnson, S. M.	Storrs, C. F.
Burnap, W. L.	Kern, Dan Jr.	Strong, A. G.
Burnham, C. A.	Lamora, John	Taft, F. L.
Burritt, E. W.	Lamora, Oliver	Tanner, J. D.
Berry, M. C.	Lane, W. H. Jr.	Van Buskirk, I.
Chambers, G. N.	Lord, G. M.	Van Sicklen, J.
Chauvin, J.	Lucas, Ed. F.	Walker, Solomon
Clark, H. N.	L'Heureux, Geo. H.	Walker, Hiram
Conant, A. F.	Manor, E. P.	Ward, C. F.
Converse, F. K.	Miller, J. W.	Ward, F. W.
Derby, B. J.	Miner, C. E.	Ward, H. L.
Drew, A. S.	Morrill, M. R.	Webb, A. S.
Duncan, C. W. H.	Murray, Moses	Weller, W. E.
Ferguson, W. F.	Parker, E. C.	Wells, Edward
Ferguson, C. H.	Pease, Fred S.	Wells, F. H.
Gates, A. E.	Peck, John E.	White, Napoleon
Griffin, L. J.	Percy, A. N.	Whitney, C. H.
Hall, W. E.	Perkins, F. E.	Wilkins, F. H.
Hall, E. S.	Powers, C. H.	Witherell, A. B.
Hecklinger, Chas.	Read, H. L.	
Hendee, W. F.	Reynolds, W. G.	

CITY PROPERTY IN CHARGE OF ETHAN ALLEN CO. NO. 4.

750 feet new hose, 450 old hose, 4 play pipes, 1 straight delivery, 1 axe, 1 crowbar, 1 stove, 1 hod, 4 ladder straps, 8 spanners, 1 spray nozzle, 3 pouches, 1 jack screw, 2 lanterns, 2 hydrant wrenches, 1 hayd wrench, 3 oil cans, 2 providers.

HOWARD HOSE COMPANY NO. 5.

Foreman, JOHN COFFEY.

1st Assistant, JOSEPH McDONALD. 2d Assistant, LUKE CRAVEN.

Clerk and Treasurer, THOMAS COFFEY. Auditor, A. A. DREW.

Trustee, M. C. GRATON.

MEMBERS :

Black, John	Lapreese, C.	Marks, J. H.
Byrnes, John	McGrath, Owen	McCarty, Frank
Coffey, Patrick	Mangan, Wm.	Morrison, Thomas
Dolan, C. L.	Morrison, Alex.	Murphy, W. P.
Ganey, John	Murray, C. S.	Phelan, Wm.

CITY PROPEETY IN CHARGE OF HOWARD HOSE CO. NO. 5.

1 hose cart, 1 goose neck, 1 pipe, 2 nozzles, 1 axe, 1 bar, 1 whiffletree, 450 feet of hose in poor condition, 10 spanners, 1 patch, 4 ladder straps, 2 hydrant wrenches, 3 lanterns, 2 stoves and pipe, 1 coal hod, 1 oil can, 1 broom.

CLIPPER HOSE COMPANY NO. 6.

Foreman, JOHN W. LOUTHER.

1st Assistant, JOHN ROBERTS. 2d Assistant, JOSEPH S. MORGAN.

Treasurer, JOHN L. MURDOCK, Clerk, LABAN WILLIAMS.

MEMBERS :

Bernor, Joseph	Garrow, William	Martin, Louis E
Crosby, T. F.	Kirby, Charles	Shaw, Merritt,
Chamberlain, Reuben	Lemaire, Joseph	Sinclear, Henry T.
Cayo, Peter	Ladam, George	Taylor, Patrick
Croto, Julius	McBeth, James	Taylor, Timothy

CITY PROPERTY IN CHARGE OF CLIPPER HOSE CO. NO. 6.

1 hose cart, 500 feet hose, 1 pipe, 3 goose necks, 1 axe, 1 crowbar, 2 rubber coats and caps, 4 lanterns, 1 pail, 1 whiffletree, 3 ladders, 1 sink, 1 wood box, 1 cupboard, 5 chairs, 4 settees, 1 stove and pipe, 1 table,—all in good repair,

BARNES HOSE COMPANY NO. 7.

Foreman, JOHN J. SHEA.

1st Assistant, WM. HUDSON.

2d Assistant, JAS. HENRY.

Clerk, WM. McCARTY.

Treasurer, JOHN FINERAN.

MEMBERS :

Ahearn, T. F.	Hathaway, A. T.	Sheahan, J.
Allen, Wm. C.	Hallihan, L.	Sharpley, Frank M.
Croto, Alex.	Hallihan, Jas.	Shanley, James
Conway, M. J.	Hudson, Ed.	Thompson, John J.
Corrigan, J.	Johnson, Ed. F.	Scott, Ed. C.
Carney, Wm.	Lynch, Ed.	Slayton, George C.
Daley, E.	Newton, James	Thomas, H. R.
Finneran, Frank	Newton, Wm.	Wakefield, John
Hathaway, A. J.	Reagan, C. W.	Welch, Richard

CITY PROPERTY IN CHARGE OF BARNES HOSE CO. NO. 7.

Barnes Hose cart, champion cart, 340 feet rubber lined hose, condition poor, 50 feet unlined linen hose, 6 spanners, 2 patches, 1 ladder strap, 1 axe, 1 shovel, 1 crowbar, 1 broom, 1 coal hod, 3 rubber coats, 2 rubber caps, 1 stove and pipe, 3 chairs, 1 table, 2 play pipes, Trojan coupling, 1 tournament pipe to set Caswell's couplings, 1 hydrant wrench, 1 brass shut o.T.

INDEPENDENT.

UNATTACHED TO THE CITY FIRE DEPARTMENT.

VOLUNTEER HOSE COMPANY NO. 1.

Foreman, H. R. CONGER.

1st Assistant, JOEL LINSLEY.

2d Assistant, J. A. CLAPP.

Clerk, GEO. C. MAYO.

Treasurer, FRED W. BURRITT.

Auditor, A. W. JOHNSON.

MEMBERS :

Burton, D. Noyes	Johnson, M. W.	Newcomb, C. F.
Burritt, Fred W.	Johnson, A. W.	Pettengill, C. O.
Blair, W. J.	Kimball, H. S.	Paige, E. T.
Conger, H. R.	Knight, S. H.	Paige, W. F.
Cutler, T. C.	Linsley, Joel	Prouty, A. C.
Clapp, J. A.	Lawson, E. H.	Riley, J. E.
Coon, H. N.	Lepronde, M.	Scott, W. W.
Cooper, A. B.	Laduke, G. L.	Stone, W. L.
Donaldson, J. A.	Mayo, G. C.	Sheldon, F. C.
Ferguson, O. B.	Mayo, Ed.	Shortsleeves, N. B.
Foster, C. E.	Maloney, J. F.	Thayer, C. P.
Henderson, J. B.	Murray, C. A.	Winnie, E. C.
Henderson, E. F.	Murray, F. L.	Walker, W. K.
Humphrey, H. C.	Morrill, J. S.	

WALTER N. GREENE HOSE COMPANY NO. 8.

Foreman, T. A. TAFT.

1st Assistant, B. M. SARGENT.

2d Assistant, A. C. TAFT.

Secretary and Treasurer, C. L. PALMER.

MEMBERS :

Allen, W. H.	Hicks, C.	Shanley, H. J.
Brinsmaid, Wm. Jr.	Langdon, F. H.	Smith, C. M.
Chambers, W. R.	Nangle, J.	Taft, A. C.
Colberth, J. E.	Ostrander, B. F.	Taft, T. A.
Currier, C. W.	Palmer, C. R.	Twiggs, D. F.
Edwards, Geo. K.	Parker, F. N.	Wakefield, W. S.
Fuller, C. M.	Perkins, N. E.	Weaver, H. K.
Gutchell, H. J.	Russell, W. J.	Weaver, W. W.
Griffin, J. W.	Sargent, B. M.	
Hatch, W. C.	Seymour, M. C.	

SUTTON HOSE COMPANY NO. 9.

Foreman, JOHN McCONNELL.

1st Assistant, E. J. THOMPSON.

2d Assistant, JAMES WELCH.

Clerk and Treasurer, HENRY ALLEN.

Auditor, FELIX GUYETTE.

MEMBERS.

Bresnahan, Patrick	Garvey, Martin	McKenna, Wm.
Blean, Joseph	Hanley, James	McGrath, Michael
Cushing, Eddie	Hayes, John	Sullivan, Patrick
Courtney, Daniel	Heffron, Patrick	Rongey, John
Daley, James	Kelley, Lawrence	Walsh, Morris
Fequir, Gilbert	Martin, Andrew	Walsh, Michael
Garvey, John	McCarty, Frank	

REPORT

OF THE

CEMETERY COMMISSIONERS.

To the Mayor and Board of Aldermen :

GENTLEMEN:—

The receipts and disbursements of the Cemetery Commissioners, in Lake View Cemetery, for the year ending December 31st, 1880, have been as follows :

Receipts and disbursements by P. H. Catlin, from January 1st, 1880, to January 1st, 1881.

RECEIPTS.

Cash on January 1st, 1880.....	\$ 57.01
“ Received for lots sold in 1880	583.43
“ “ on old accounts	69.50
“ “ for care of lots	249.75
“ “ “ fitting lots.	127.75
“ “ “ opening and filling graves	132.00
“ “ “ vault fees	23.00
“ “ borrowed	17.47
“ “ for hay sold.	2.61
“ “ on act. of lots sold previous to 1880,	11.92
“ “ of City Treasurer, appropriation by	
Board of Aldermen	100.00
	<u>\$1374.44</u>

DISBURSEMENTS.

Cash paid P. H. Catlin, Com., as per time book ..	\$328.00
“ “ all other labor, as per time book	605.25
“ “ accounts and bills, as per vouchers	357.68
“ “ incidentals.	33.87
Balance cash in hands of Commissioners	49.64
	<u>\$1,374.44</u>

We, the undersigned, have examined the accounts and vouchers of P. H. Catlin, Cemetery Commissioner, and find them correct.

SAM'L A. DREW, }
A. B. LOWRY, } Auditors.
HIRAM WALKER, }

ACCOUNTS DUE LAKE VIEW CEMETERY.

On account of lots sold	\$ 42.88
“ “ “ care and fitting lots, &c.,	106.80
	<u>\$149.68</u>

SALE OF LOTS.

Whole number of lots sold to Jan. 1st, 1880	375
“ “ “ “ “ the past year	15
“ “ “ “ “ to Jan. 1st, 1881	390
Total cash received for lots sold to Jan- uary 1st, 1880	\$16,361.52
Total cash received for lots sold the past year	<u>595.35</u>
Total cash received for lots sold to Jan. 1st, 1881.	\$16,956.87

INTERMENT RECORD.

Original interments in 1880	50
Removals to Lake View in 1880	2
Total interments in Lake View to January 1st, 1880,	758
“ “ “ “ “ “ “ 1881,—	810

N. PARKER, }
MORILLO NOYES, } Cemetery
P. H. CATLIN, } Commissioners.

REPORT

OF THE

CHIEF OF POLICE.

To the Honorable the Mayor and the Aldermen of the City of Burlington :

GENTLEMEN :—I respectfully submit my report for the year ending December 31, 1880 :

Whole number of arrests made by the police department during the year, 490 ; which may be classified as follows :

Under G. S., Chap. 94, Sec. 33.....	120
“ “ “ “ “ 10.....	78
“ “ “ “ “ 9, first offence.....	88
“ “ “ “ “ 9, second offence.....	2
“ “ “ “ “ 9, third offence.....	1
Illicit cohabitation.....	2
Petit larceny.....	32
Vagrancy ..	12
Breach of peace.....	89
Grand larceny.....	15
Forgery.....	2
Prostitution.....	1
Pointing revolver.....	1
Assault with intent to rob	12
Violation of city ordinance	18
House of ill-fame	4
Contempt of court.....	1
Receiving stolen goods.....	3
Furnishing liquor to habitual drunkard.....	1
Adultery	1
Burglary	1
Keeping nuisance	3
Under G. S., Chap. 94, Sec. 13.....	3
Total	490

Of those arrested 82 are females and 408 males. Five lost children have been found and restored by the police.

During the year the station house furnished shelter for 441 persons over night, of the following nationalities : Irish, 222 ; American, 123 ; French, 87 ; English, 4 ; German, 1 ; Scotch, 2 ; colored, 2. Increase from 1879, 27 ; from 1878, 79. Lodgers for each month : January, 16 ; February, 15 ; March, 51 ; April, 50 ; May, 24 ; June, 11 ; July, 18 ; August, 19 ; September, 15 ; October, 38 ; November, 78 ; December, 106.

There has been taken to the House of Correction from this city 61 prisoners,—53 males, 8 females ; to the Reform School, 4,—3 males, 1 female ; to the State Prison, 4,—3 males, 1 female.

Seven search warrants for liquor, G. S., Chap. 94, Sec. 22, have been served.

The whole number of policemen is 47, of whom 34 are specials at the following places : Lumber yards and shops, 22 ; railroads and depots, 6 ; steamboat wharf, 2 ; Cathedral, 1 ; cemeteries, 2 ; gas works, 1. The routes, duties and pay of the regular police are the same as in my last report.

There has been paid into the City Treasury as the fruits of the above named arrests, during the past year, the sum of \$693.43, fines and costs ; into the County Clerk's office, fines and costs, \$1,788.75.

The expenses of the police department for the year have been as follows : First quarter, ending March 31, \$708.00 ; second quarter, ending June 30, \$829.00 ; third quarter, ending September 30, \$931.00 ; fourth quarter, ending December 31, \$964.10. Total, \$3,432.10.

There are no prisoners in the jail chargeable to the city.

L. A. DREW,

Chief of Police.

REPORT
OF THE
SUPERINTENDENT OF STREETS.

COMMITTEE ON STREETS AND HIGHWAYS.

Alderman TAYLOR, Chairman.

Alderman RICHARDSON,

Alderman McCARTY.

ALBERT R. DOW, Superintendent,
From January 1, 1880, to January 1, 1881.

To the City Council of the City of Burlington:

GENTLEMEN—

In accordance with the provisions of the City Charter, I respectfully submit my report for the past year.

SEWER DEPARTMENT.

RECEIPTS.

Cash from sales of cement and labor,	\$.80
“ “ Sewer connections,	4.50
“ “ City Treasurer on account of Sewer Fund,	6,851.61
	<hr/> \$6,856.91

DISBURSEMENTS.

Cleaning sewers, labor,	17.55
General expense of sewers, labor and materials,	563.61
St. Paul Street, “ “ “	461.53
Bank “ “ “ “	395.90
George “ “ “ “	907.18
Peru “ “ “ “	107.85
William “ “ “ “	746.10
Pearl “ “ “ “	3,622.29
Church “ “ “ “	34.90
	<hr/> \$6,856.91

STREET LIGHT DEPARTMENT.

RECEIPTS.

Cash from City Treasurer on account of Street Light Fund,...\$338.52

DISBURSEMENTS.

19 Lamp Posts,.....	228.00
7 Lamp Frames,.....	15.75
General Repairs of lights, labor and materials,.....	94.77
	<u>\$338.52</u>

PUBLIC BUILDINGS AND PARKS.

RECEIPTS.

Cash from O. Verran, Chairman of Committee on Buildings and Parks, 33.55

DISBURSEMENTS.

City Market, labor and materials,.....	40.29
City Hall, " "	5.26
Battery Park, " "	5.00
City Hall Park, " "	8.00
	<u>\$58.55</u>

PERMANENT IMPROVEMENT FUND.

RECEIPTS.

Cash from sale of gravel and stones,.....	15.09
" " City Treasurer, special appropriation,.....	6,832.02
" " " " " "	2,905.98
	<u>\$9,753.09</u>

DISBURSEMENTS.

Colchester Avenue, labor and materials,....	1,087.45
College Street, " "	316.74
Crossings, " "	7.50
Crossings, St. Paul St., " "	57.00
Curbing Loomis " "	54.46
" Prospect " "	14.50
" St. Paul " "	591.70
" Union " "	1,041.79

Flagging Loomis Street, labor and materials	\$37.74
“ St. Paul “ “ “	1,290.98
“ Union “ “ “	1,513.84
Gravel, Lake, material unused,	66.70
“ “Salls” “ “	59.40
Gutter, Bank St, Labor,	3.25
“ Church “ “	10.18
“ Main “ “	9.94
“ St. Paul “ “	78.56
King Street, labor and materials,	589.03
Loomis “ “ “	89.69
Main “ “ “	271.61
North Avenue, “ “	541.36
North Street, “ “	604.13
Stones, broken, material unused,	19.63
St. Paul Street, labor and materials,	451.46
Street Basin, Main and Willard Sts.,	293.12
“ Basin, Bank and St. Paul “	124.45
“ “ Pearl St., at Ravine,	35.93
“ “ Spruce and Union Sts.,	75.68
Union Street, North, labor and materials,	510.45
“ “ South, “ “	172.23
	<hr/>
	\$10,030.50

STREET DEPARTMENT.

RECEIPTS.

Cash from sale of street cleanings,	\$11.90
“ labor, sidewalk, Loomis Street,	8.05
“ B. and L. Rail Road, repair of bridge,	10.87
“ various individuals for labor,	370.04
“ sale of flagging,	3.38
“ “ sand,	53.97
“ “ tools and stock,	4.70
“ “ planks,	1.18
“ “ materials, general repairs,	27.84
“ City Treasurer, avails of taxes,	5,036.18
“ “ “ on account of bridges,	171.24
Earnings of city teams,	1,194.60
	<hr/>
	\$6,883.95

DISBURSEMENTS—STREETS.

Archibald Street,	\$1.00
Bank “	5.00
Battery “	38.30
Ce ar “	7.00
Center “	8.25
Champlain “	36.83
Church “	94.73
Cliff “	.50
Cleaning Streets,	176.01
East Avenue,	1.00
Elm Street,	4.40
Elmwood Avenue,	4.00
Goodrich Road,	6.00
Grant Street,	1.50
High “	7.50
Howard “	1.00
Hyde “	18.75
Intervale Avenue,	2.00
Intervale Road,	1.50
Kilburn Street,	71.00
Lafountain “	4.00
Lake “	42.52
Ledge Road,	3.75
Maple Street,	22.40
North Bend,	59.68
Patchen Road,	16.70
Pearl Street,	32.71
Pine Street,	17.25
Pitkin Street,	2.50
Proctor Road,	12.00
Prospect Street,	51.71
Rose “	2.04
Shelburn “	52.80
Spear “	10.00
Spring “	9.79
Spruce “	40.00
Summit “	.50
School “	9.00
Willard “	495.58
Winooski Avenue,	131.22
Winooski Turnpike	4.00
Winooski Road,	469.81

\$ 1,976.23

SIDEWALKS.

General repairs of sidewalks,	\$11.25
Sidewalk, College Street,	19.75
" Union " 	52.59
" Pearl " 	25.90
" Maple " 	3.50
" Pine " 	4.72
" St. Paul " 	4.00
" Church " 	6.00
" North " 	20.50
" Colchester Avenue,	20.60
" Winooski Avenue,	9.70
" Willard Street,	57.25
" Champlain " 	2.00
" Main " 	37.63
" Loomis " 	47.05
" Prospect " 	335.59 \$335.59

BRIDGES.

Winooski Bridge,	\$ 157.74
Heineberg Bridge,	13.50
Partridge Road Bridge,	43.23
Bridge of B. and L. Rail Road,	10.87 \$225.34

MISCELLANEOUS.

Labor for various individuals,	\$393.40
Cleaning basins,	103.09
General expense of basins,	64.36
Fencing,	14.54
General expenses,	2.73
Repairing tools,	25.75
Office expenses, Coal,	48.00
" " Stationery,	11.54
" " Furniture,	2.65
" " Incidentals,	20.63
Snow work,	97.80
Sand,	28.57
Tools and Stock,	260.42
Salary of Superintendent and Engineer, A. R. Dow. . .	1,050.84
Planks,	1.18
Unclassified repairs,	893.58
City Teams,	1,025.30
	<hr/>
	\$4,044.38
Total, Street Department,	6,581.54

RECAPITULATION.

	Receipts. Disbursements.	
Sewer Department,	\$6,856.91	\$6,856.91
Street Light Department,	338.52	338.52
Public Buildings and Parks Department,	33 55	58.55
Permanent Improvement Fund.....	9,753.09	10,030.50
Street Department,	6,883.95	6,581.54
Totals.....	\$23,866.02	\$23,866.02

TOTAL RECEIPTS.

Cash from City Treasurer,....	\$22,125.55
Earnings of city teams,	1,194.60
Cash from all other sources,	545.87
	<u>\$23,866.02</u>

We, the undersigned, have examined the accounts and vouchers of Albert R. Dow, Superintendent of Streets, from January 1, 1880, to January 1, 1881, and find them correct.

SAM'L A. DREW,	} Auditors.
A. B. LOWRY,	
HIRAM WALKER,	

ACTUAL COST OF DEPARTMENT FOR THE YEAR.

Cash received from City Treasurer,	\$22,125.55
Less amount of sewer assessments, ...	\$4,614.93
“ “ curb and flagging,	2,905.98
“ “ collection 1-5 bridge expense,	34.25
“ “ unpaid bills,	27.00
“ “ material unused,	493.31
Amount actually expended by City,	<u>\$14,050.08</u>

In the department of Permanent Improvements, and that of Sewers, the Board authorized, during the year, that they be allowed to be overdrawn by an amount not exceeding that sum which is returned in assessments. They stand at present overdrawn, but the assessments more than balance the amount overdrawn.

The Street Department now has to its credit, as reported by the City Treasurer, the sum of \$2,088.97.

There are no outstanding bills.

MATERIALS ON HAND.

Sewer planks.....	\$12.00
Bridge planks	20.00
Iron grates	10.00
1 barrel cement.....	1.25
14 feet 12-inch Akron tile.....	6.16
6 stone monuments	6.00
$\frac{1}{2}$ ton of straw	6.00
6 tons of coal.. ..	36.00
Pay rolls and vouchers.....	5.00
Macadamizing material.....	186.10
Tools and stock... ..	200.00
300 pieces ground tile.....	4.80

 \$493.31

SEWER DEPARTMENT.

During the past year, five new sewers have been built, and one has been relaid. All have been constructed in the most approved manner, of Akron vitrified tile, in accordance with the adopted plan of the city, and provided with all needed man-holes, lamp-holes, connection pipes, &c., whose location can be ascertained by reference to the sewer plans.

St. Paul street sewer, from College street to Bank street, had to be relaid in order to receive the Bank street sewer, its former depth not being sufficient to meet the sewer plan of the city. New pipe was used, as the old pipe was found in an unsatisfactory condition. The whole cost is borne by the city, as the property had once been assessed for a sewer. Bank street sewer runs from St. Paul street nearly to Church street. George street sewer runs from Pearl street to Peru street. Peru street sewer runs from George street, 110 feet to the east. Pearl street sewer runs from the railroad ravine to Prospect street. In its construction, much difficulty was met from quick sand. William street sewer runs from Pearl street 458.7 feet to the south. This also was difficult of construction on account of quicksand, of meeting the water main, and of passing through the old

reservoir. It is expected that this sewer will be completed during the coming year. The conflict with the water main was due to the fact that it lay in the authorized line of the sewer. An offset was made in the latter from its line, such as both departments judged to be sufficient, and every precaution was taken to avoid damage to it.

Church street sewer has needed some repairs by reason of the sliding of the earth in that portion just south of King street. General expenses of sewers include all common repairs, and nearly all of that portion of the expense which is not assessed upon the property. Below will be found tabulated all further information relative to sewers of the past year.

SEWERS OF 1880.

Street.	Size.	Shape.	Length.	Assessed City.	Assessed Property.	Total.
St. Paul,	12 in.	Circular,	401 ft	\$460.03		\$460.03
Bank,	12 "	"	338 "		\$394.40	394 40
George,	12 "	"	811 "		905.18	905.18
Peru,	8 "	"	110 "		107.85	107.85
Pearl,	18 "	"	500 "	{ 997.99	2624.30	3622.29
"	15 "	"	601 "			
"	12 "	"	689½ "			
William,	12 "	"	458 7-10 "	162.90	583.20	746.10
Totals,			3909 1-5ft	\$1620.92	\$4614.93	\$6235.85

STREET LIGHTS.

The money expended by me during the year for this department has been for the purchase of 19 new posts and 7 lamp frames; the expense necessary for setting and moving posts, and the general repairs of the apparatus. Eleven posts are in City Hall Park and Battery Park, and burn only in summer.

Ward 1 has	8 Naptha Lamps,	7 Gas Lamps,	15
" 2 "	11 "	8 "	19
" 3 "	24 "	3 "	27
" 4 "	5 "	39 "	44
" 5 "	7 "	24 "	31
Totals,	55	81	136

PUBLIC BUILDINGS AND PARKS.

The work done for this department has been by direction of Mr. Verran, chairman of the committee. It has consisted of common repairs, the larger part being the removal of the old dangerous platform around the City Market and filling and grading in place of it.

PERMANENT IMPROVEMENTS.

Considerable work has been done the past year, in addition to sewers, which may be classed under this head.

COLCHESTER AVENUE,

in front of the Mary Fletcher Hospital, for a distance of 790 feet, has been thoroughly macadamized. The roadway is on the city line and grade, 25 feet in width, with a depth of stone materials of about 15 inches.

ST. PAUL STREET,

from College street to Cherry street has been curbed, flagged, guttered, macadamized, and provided with crossings, all on the proper grade and lines. The city's share of the portion of the curbing laid last year by the Episcopal Society has been paid to them. Detailed cost of the work is shown elsewhere. The share borne by the city is \$1294.72, and the assessments upon the property are \$1174.98. A track 10 feet wide in the center of the road was covered with broken stones to a depth of about 8 inches, and the whole roadway then covered with about 5 inches of the "Salls" gravel.

UNION STREET,

from Pearl street to Loomis street, has been graded, curbed, flagged and macadamized in the same manner as the work upon St. Paul street. The assessment upon the city is \$1335.08, and that upon the property is \$1731.00. In order that the party furnishing the curbing and flagging should not have to wait the payment of their value until

the collection of assessments had been made, the Board authorized that the department be furnished with a sum specially devoted to that purpose, with which to make immediate payment, the collections to be made subsequently. The sum thus appropriated was \$2905.98. Loomis street has been curbed on both sides, from Union street nearly to School street, and upon one side, flagging has been laid. The roadway has been graded and well covered with gravel. 203 feet of curbing have been laid around the Northeast corner of Winooski Avenue and North street, mostly at the expense of the owner of the property. 541 feet of curbing have been laid around the corner of Prospect and North street, nearly all at the expense of the property. The curbing and gutter around the Custom House have been relaid, and new flagging has been put down, all at the expense of the Government, except surveys and the laying of the gutter. About 30 feet of curbing have been laid around the Southwest corner of Main and Willard streets. Four street basins have been built, one at Bank and St. Paul streets, one at Spruce and Union streets, one on Pearl street at the Ravine, and a large one with two side basins at Main and Willard streets. King street has been rounded and covered with gravel, the lower end having required a large amount of filling to grade the portion which had not been previously used as a road.

North Avenue, from Mr. Manuel's northward one-half mile, has been graded and covered with the Salls gravel. The hauling of the gravel was all done by voluntary work of the parties living upon the road, and some few of those who travel upon it considerably. Several other streets, as shown in the list of disbursements, have been graded, rounded, and covered with gravel. By the work upon North street, east of Winooski Avenue, the pond of water which has existed there periodically has been removed. The material used for gravelling is of excellent quality, found upon the farm of H. Salls on North Avenue, and bought at a reasonable rate. The department has used in the past year the

material of one-half acre, and has now on hand one-half acre, purchased near the close of the season.

STREET DEPARTMENT.

This department includes all the other disbursements made during the year. These consist of ordinary expenses needed to keep roads, sidewalks, &c., in a proper condition. The list of the disbursements is shown elsewhere. Willard street has been turnpiked from Main street to Shelburn street, and covered with gravel from Main street nearly to Spruce street. The Winooski road has required the usual outlay to reshape it after the disarrangements caused by the wet season.

Some extensive repairs, not shown in my accounts, have been made upon the Winooski and Heineberg bridges, the bills having been paid directly by the City Treasurer. In the Winooski bridge, many decayed timbers were replaced by new ones. The north abutment of the Heineberg bridge was rip-rapped to protect it from being undermined by the water, which was cutting directly against it. At the present writing the pier in the center is being guarded in a similar manner, the depth of water, even at the present low stage, having reached 20 feet directly around the piles.

The item of snow work includes the ploughing and breaking out of roads, and sidewalks, and keeping the apparatus in order. Unclassified repairs are those which could not be distributed. The city team account includes all expenses which could properly be charged to it. Expenses, \$1,025.30; earnings, at the rate of \$1.00 per day, \$1,194.60. The crushing apparatus has been properly cared for. No notice of claims for injuries caused by deficiency of highways has been received.

In reference to future work, I would suggest macadamizing that part of Main street, South of the College Park. Each Spring and Fall it is almost impassable from mud. As to other permanent improvements, I would suggest, on general principles, an extension of those already made, working from some central point outwards, and joining on each

year to some work done previously. New street lights and street basins should be added each year.

In conclusion, I would thank the members of the Council, and the Street Commissioners in particular, for their constant interest in the work, and their valuable advice, and trust that the money used by the department may be judged to have been wisely and economically expended.

Respectfully submitted,

ALBERT R. DOW,

Superintendent of Streets.

REPORT

OF THE

CITY ENGINEER.

The duties devolving upon this department have consisted, during the past year, in laying out the work of the Street and Sewer Departments, in preserving any official marks which new work may displace, in recording such changes, and adding to official surveys as far as possible.

During the winter, drawings and records of the works done in the summer, are made. These drawings and records present all needed information of such work.

	1880.	Total.
Length of macadamized and paved roads, $\frac{1}{2}$ mile.		3 miles.
“ “ gravelled “	2.14 “	3.89 “
“ “ sidewalk curbed and flagged, .67 “		2.47 “
“ “ “ “ only. ....	.25 “	1.95 “
Number of stone crossings	5	53
“ “ street basins	4	30

LENGTH OF SEWERS—1880.

8-inch vitrified pipe, 110 feet. }				} 3909 feet .74 miles.
12	“	“	2698 “	
15	“	“	601 “	
18	“	“	500 “	

TOTAL LENGTH OF SEWERS.

Size.	Cement Pipe.	Brick.	Vitrified Pipe.	Stone.	Totals.
8 in.	365 feet.		325 feet.		690 ft
12	9,680 "		8,599 "		18,279 "
15			601 "		601 "
18	3,840 "	905 feet.	1,771 "		6,516 "
24	525 "	1,342 "	165 "		2,032 "
30		1,175 "			1,175 "
36		820 "			820 "
36-48				1,600 ft.	1,600 "
60		125 "			125 "
72		600 "			600 "
Totals.	14,410 feet.	4,967 feet.	11,461 feet.	1,600 ft.	32,438 ft=6.14m

ALBERT R. DOW,

City Engineer.

REPORT
OF THE
HEALTH OFFICER.

To the Honorable City Council:

GENTLEMEN :—I herewith present my report of the affairs of this office, for the year 1880, including the vital statistics.

HEALTH OF THE CITY.

The only disease that assumed an epidemic character during the year 1880 was whooping-cough. This prevailed extensively during the summer months, and was the direct or indirect cause of death in five cases. In nearly all these cases, it was in consequence of complication with disease of the bowels or lungs. Diphtheria continued to abate, during the year 1880, there being only nine deaths from this disease, while there were twenty-two in 1879. After that not a single fatal case had occurred for six months: there were suddenly, in the month of November, two fatal cases in one family, and the physician in attendance also died of the disease. Happily it did not spread any further from this source. At the request of the occupant, I examined the house, and found it connected with the city sewer; but in one of the pipes inside of the house, leading from the wash sink in the kitchen, there was no trap; the malignancy of the disease may have been owing to this faulty plumbing. If, so, these three sad deaths are a powerful argument in favor of thorough, competent supervision, under city authority, of all connections with the public

sewers, as I have recommended in my two last annual reports. The fatality from the usual summer diseases,—cholera-infantum, diarrhœa and dysentery, chiefly among children, has been about the same as in the previous year. There have been no cases reported of measles or small pox. We are to be congratulated upon our exemption from this last disease, for it has been much more prevalent than usual in many parts of the United States. There have been a number of isolated cases of scarlet fever, of mild type, but not sufficient to constitute an epidemic, and no fatal cases. The number and result of diseases of the zymotic class, which are preventable, and more or less under the control of sanitary measures, is favorable as compared with the two previous years. In 1878 the number of deaths was fifty-six; in 1879, fifty-four, and in 1880 fifty. The number of deaths from consumption has been greater than in the two previous years, being thirty-six, while it was only twenty-two in 1879, and nineteen in 1878. The number and kind of other deaths have been as usual, and do not require especial comment. The total mortality of the city, including still-births, for the year 1880, was two-hundred and nineteen.

PUBLIC SANITARY MEASURES.

As you are aware, sewers have been laid, during the past year, in portions of Pearl, Willard and Bank streets, and through George street, all needed improvements, yet portions of the city most urgently requiring them as sanitary measures, are still without sewers.

Upon request of the City Attorney, the Vermont Central Rail Road Company, last summer, filled in with earth, the low grounds, near the old Rutland Rail Road Depot, which were becoming marshy, and dangerous to the public health.

It is proper here, to make a record as a sanitary measure, of the removal of the Soap Factory from Mechanic's street, to a locality, where it is not an annoyance, and cannot affect the public health, and I desire to express my approval of its present location, as strongly as I have condemned its former one, in my previous reports. Doubtless the proprietors

fully appreciate their new, commodious and convenient quarters for doing business.

NUISANCES.

The following summary shows the character, and number of the nuisances, and sources of disease, for the abatement of which examinations have been made and orders issued, during the year 1880.

Hog pens	64
Privies, foul,.....	33
Houses, drainage of.....	22
Rubbish, heaps of.....	20
Manure, heaps of.....	19
Yards, filthy,.....	5
Cess-pools, foul,.....	3
Street gutters, obstructed,....	3
Cow yards, filthy,.....	3
Dead horses, not buried,.....	3
Hens, in dwelling houses,.....	2
Dead cats, in street,.....	3
Fertilizing material, storage of.....	2
Privies, contents of dumped into lake,....	1
Slaughtering, without license,.....	1
House, filthy,....	1
Marshy grounds,.....	1
Fish market, unclean,.....	1
Dead hog, not buried,.....	1
Total,.....	188

Out-of-door privies, and the keeping of swine have always been, in my experience, as well as that of my predecessors in this office, the most frequent source of complaint, among the nuisances that exist in the city. The former are a necessity for dwellings, which are situated on the line of streets in which there is no public sewer, and the nuisance caused by them is with difficulty avoided. Moreover, they are being lessened in number yearly, as sewers are constructed, and their use will, before many years, be entirely given up, when

the whole city shall be sewerred. The keeping of swine, on the other hand, is not a necessity, it is a business speculation; and as such has no excuse for annoying a community, or endangering the public health; besides, the moral effect of keeping swine in a closely populated district is bad, for in many instances children are employed to gather swill, to lessen the cost of fattening. This employment smothers their self-respect, throws in their way temptations for thieving, brings them up in ignorance, and habits of vagrancy, and fits them for ultimately becoming beggars and tramps. While making inspections of the city during the spring, I found twenty-one hogs kept on a single street, within a distance of about forty rods, or an average of one hog for every four rods, of both sides of the street. Impressed with the above facts and opinions, I resolved to adopt a measure, which, sooner or later, in the growth of every well regulated city is adopted, and issued the following order.

"HEALTH OFFICE, BURLINGTON, VT., MAY 5TH, 1880.

"Notice is hereby given that, from and after May 15th, 1880, the keeping of swine will be wholly prohibited in that portion of the city of Burlington, comprised within a distance, in any direction, of three-fourths of a mile of the Howard Opera House, on the southwest corner of Church and Bank streets.

"It is also directed, that all pens or styes used for the keeping of swine, in the above named portion of the city, be removed, together with their accumulated filth, and the ground occupied by them well covered with dry earth, on or before May 22d, 1880."

At this time I also made provision for the removal of swill out of the above named district, to accommodate all who might choose to take advantage of it.

Complaints continued during the year 1880 of the nuisance caused by the storage of hides in the closely populated portions of the city, and I renew my suggestion of last year, that this business should be subjected to a license, so that the mode of doing it, and the location, be brought under

your control. I believe that all important kinds of business, contributing to the prosperity of the city, but liable to become nuisances, had better be under the control, as to management and location, of your body, whose members represent various business interests and different localities, rather than wholly subject to the judgment of a single health officer, who officially represents only the sanitary interests of the city.

BURIAL PERMITS.

Burial and removal permits have been issued from this office, during the year 1880, showing the disposition of the bodies of the dead, as follows :

For burials in the Roman Catholic Cemeteries.....	167
“ “ and entombments in Lake View Cemetery..	49
“ “ in Green Mount Cemetery.....	15
“ “ in Elmwood Avenue Cemetery	7
“ “ in private grounds.....	1
“ removals from the city.....	27
“ “ within the city.....	11
“ “ through “ “	2
Total.....	279

There were three violations of the city ordinance, requiring burial permits, during the year, for which fines were paid into the City Treasury.

REPORTS OF CONTAGIOUS OR INFECTIOUS DISEASES.

The following table shows the disease, season, and number of cases of contagious or infectious diseases, reported to this office, by physicians and others, as required by city ordinance, during the year 1880 :

DISEASE.	SEASON.											
	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.
Diphtheria,	8	4	2	1	1	2	....	1	1	17	7	44
Scarlet fever,	1	2	3	....	2	....	....	....	10	7	1	26
Typhoid Fever, . . . . .	....	1	1	1	....	....	....	....	....	4	....	7
Total,	1	10	8	3	4	1	2	....	1	11	28	8

EXPENSES OF THE HEALTH DEPARTMENT.

The items and amounts of expenditures for the year 1880 are as follows :

For 279 burial permits, issued by the Health Officer,	\$69.75
“ 219 certificates of deaths	54.75
“ 314 “ “ births	78.50
“ postage and stationery	18.70
“ vaccine virus	4.00
“ inspections	19.00
“ burying dead cats	1.50
“ printing death rates and vital statistics	28.75
“ “ monthly reports	18.00
“ “ blanks for police service	3.75
“ “ circulars	3.00
“ distributing circulars	2.00
“ advertising health notices	15.00
“ examinations dead bodies	4.00
“ cartage	2.50
“ salary of Health Officer	168.33
Total	\$491.53

ANALYSIS OF THE VITAL STATISTICS.

During the year 1880, there were ninety-three marriages, three hundred and fourteen births, and two hundred and nineteen deaths, including twelve still-births. The excess of births over deaths shows an increase in the population of ninety-five by these natural events. As compared with

the year 1879, there was one *more* marriage, four *more* births, and nine *less* deaths, in 1880.

MARRIAGES.

The population by the census of 1880 being 11,364, the ratio of persons married during the year, to the whole population, was one in 61.10.

Season.—There were twenty-one (21) marriages in the first quarter of the year; twenty-five (25) in the second; eighteen (18) in the third; and twenty-nine (29) in the fourth. Thus it will be seen that the largest number occurred as usual in the fourth quarter, that is in the holiday season. The largest number in any one month was fifteen, (15) in October; the smallest was four (4) in March,—a Lenten month.

Nativity of the parties.—The marriages of parties of American birth constitute about three-fourths of the whole; that of brides being just this proportion, and of grooms a little less. Of the remainder, eighteen (18) each of the grooms and brides were born in Canada, and the balance in Ireland and England.

Marriage Ceremony.—Forty-eight (48) were married by Roman Catholic priests, and forty-five (45) by Protestant clergymen.

BIRTHS.

There were three hundred and fourteen (314) births, during the year 1880, or four (4) more than in 1879. Births of four (4) colored children, two (2) illegitimate children, one (1) twin-birth, and twelve (12) still-births are included in the number for 1880.

Sex.—The number of male children was one hundred and seventy-one (171), and of female children, one hundred and forty-three (143), or twenty-eight (28) more males than females.

Parentage.—Of the fathers, one hundred and seventy-six (176), or twenty (20) more than one-half of the whole num-

ber, were born in the United States; ninety (90) in Canada; thirty-seven (37) in Ireland; eight (8) in other countries; and of two (2) the birth place was unknown. Nineteen (19) more mothers than fathers were born in the United States: two (2) *less* in Canada; eight (8) *less* in Ireland; and seven (7) *less* in other countries.

Season.—The largest number of children, one hundred and four (104), were born in the second quarter of the year; the next largest, eighty-five (85), in the first; the next sixty-six (66) in the third; and the smallest number, fifty-nine (59), in the fourth quarter.

The greatest monthly number, forty-three (43), was in April; the smallest, fifteen (15), in November.

Locality.—The greatest number of children, one hundred and twenty-four (124), more than one-third of the whole, were born in the Third Ward, and the smallest number, fourteen (14), in the First; fifty (50) in the Second; fifty-four (54) in the Fourth; and seventy-one (71) in the Fifth Ward.

Twin-births.—There was only one (1) of these cases, or one (1) in three hundred and thirteen (313) cases of births, which is much less than the usual proportion.

Age of Mothers.—There were twenty-seven (27) children, the largest number, born by women whose age was twenty-six years. The youngest woman bearing a child was sixteen years of age; the oldest, forty-six. Eight (8) were born by women eighteen years of age and under; and eighteen (18) by women forty years of age and over.

DEATHS.

There were two hundred and nineteen (219) deaths, including twelve (12) still-births, during the year 1880, nine (9) less than in 1879. There were three (3) deaths of colored persons in 1880. The population by census of 1880 being 11,364, the ratio of deaths, excluding still-births, is

18.21, to 1,000 inhabitants, or one death in 54.89 of the population.

Season.—The greatest number of deaths, sixty-nine (69), was in the third quarter, or hot months of the year, and the smallest, forty-six (46), in the fourth quarter. There were fifty-two (52) each in the first and second quarters. The greatest monthly mortality was twenty-seven (27), in July, and the least, ten (10), in October.

Sex.—The number of deaths is as equally divided as can be, between the sexes, there being one hundred and ten (110) males, and one hundred and nine (109) females.

Age.—There were seventy-nine (79) deaths, including twelve (12) still-births, of children under one year of age, or 36.07 per cent. of all deaths; twenty-nine (29) of children one year and under five years, or 13.24 per cent. of all; twenty-two (22) of persons five and under twenty, or 10.04 per cent. of all; thirty-nine (39) of persons twenty and under fifty, or 17.80 per cent. of all; twenty-four (24) of persons fifty and under seventy, or 10.95 per cent. of all; and twenty-six (26) of persons seventy and over, or 11.87 per cent. of all. There were nine (9) less deaths of children under five years of age, than in 1879, and seven (7) less of persons seventy years of age and over.

Locality.—In the First Ward, the number of deaths was twenty-five (25); in the Second, thirty-one (31); in the Third, eighty-three (83); and in the Fourth and Fifth Wards, forty (40) each. In the First Ward, by the difference between the births and deaths, the population was *decreased* eleven (11); in the Second *increased* nineteen (19); in the Third *increased* forty-one (41); in the Fourth *increased* fourteen (14); and in the Fifth *increased* thirty-one (31).

Social Relations.—One hundred and forty-one (141) of the deaths, including twelve (12) still-births, were of single persons; fifty-three (53) of married; and twenty-five (25) of widows or widowers.

Nativity.—One hundred and seventy-two (172) of the deceased were born in the United States; twenty-four (24) in Canada; twenty-one (21) in Ireland; and two (2) in other countries.

CAUSES OF DEATH.

Under the *zymotic* class, or diseases which are either epidemic, endemic or contagious, and which are in a measure preventable by sanitary regulations, fifty (50) deaths are recorded, or 22.83 per cent. of all deaths. Twenty (20), the largest number, were of cholera infantum; nine (9) of diphtheria; seven (7) of diarrhœa and dysentery; five (5) of whooping-cough; three (3) each of croup and typhoid fever; two (2) of cerebro-spinal fever; and one (1) of malignant pustule.

Season.—Deaths of diphtheria occurred in only five months of the year. Deaths of cholera infantum, diarrhœa and dysentery, all, with six exceptions, occurred in July, August and September.

Sex.—The deaths under this class were of thirty (30) males, and twenty (20) females.

Age.—Twenty-six (26) of the deaths were of children under one year of age; thirteen (13) of children one year and under five years of age; five (5) of persons five and under twenty; four (4) of persons twenty and under fifty; and two (2) of persons fifty and under seventy. About four-fifths of all deaths in this class were of children under five years of age.

Social Relations.—All of the deaths except four (4) were of single persons.

Nativity.—All were born in the United States except four (4).

Under the *constitutional* class, or diseases consequent upon a bad habit of body, sometimes hereditary, and in which there is a deposit of new morbid products in various parts of the body, forty-nine (49) deaths are recorded, or

22.37 of all deaths. Thirty-six (36), or three-fourths, were of consumption. Four (4) were of cancer; two of the stomach, one each in a male and female; one of the liver in a male; and one of the jaw in a male. Three (3) each were of hydrocephalus and tubercular meningitis. There was one (1) each of syphilis, tabes mesenterica and scrofula.

Season.—Deaths of consumption occurred in every month of the year, but the greatest number, seven (7), in March.

Sex.—The deaths of consumption were of sixteen (16) males, and twenty (20) females; and of cancer, of three (3) males and one (1) female.

Age.—Twenty (20) of the deaths of consumption were of persons twenty and under fifty years of age. Three (3) of the deaths of cancer were of persons fifty and under seventy years of age. All the deaths of other diseases in this class were of children under five years of age.

Social Relations.—Of the deaths of consumption, sixteen (16) were of single persons; eighteen (18) married; and two (2) widowed. Of the deaths of cancer three (3) were of married persons; and one (1) widowed.

Nativity.—Of all the deaths in this class thirty-three (33) were of persons born in the United States; eight (8) in Canada; two (2) in Ireland; and one (1) in another country.

Under the *local* class, or diseases in which the functions of particular organs or systems are disturbed or obliterated, and sometimes hereditary, sixty-seven (67) deaths are recorded, or 30.59 per cent. of all deaths. Twenty-four (24) were under the order *nervous*; twelve (12) *circulatory*; fifteen (15) *respiratory*; eleven (11) *digestive*; and five (5) *urinary*.

Season.—Deaths in this class occurred at all seasons of the year, without any marked difference in number.

Sex.—The deaths in this class were of thirty (30) males, and thirty-seven (37) females.

Age.—The deaths in this class were at all ages of life ; the greatest number of any of the divisional periods in the table, being sixteen (16) at the age of seventy or over.

Social Relations.—The deaths in this class were of thirty-three (33) single ; nineteen (19) married ; and fifteen (15) widowed persons.

Nativity.—Of the deaths in this class, forty-five (45) were of persons born in the United States ; ten (10) in Canada ; eleven (11) in Ireland ; and one (1) in another country.

Under the *developmental* class, or special diseases, the incidental result of the formative, reproductive and nutritive processes, forty-seven (47) deaths are recorded, or 21.46 per cent. of all deaths. Twelve (12) of these under the order *children* were still-births ; ten (10) were cases of congenital debility, or low vitality at birth ; two (2) were premature births ; three (3) were cases of spina bifida, or imperfect development ; and two (2) of asphyxia. Under the order *women* there was one (1) death each of ovarian tumor and puerperal fever. Under the order *old people* there were ten (10) deaths of old age. Under the order *nutrition* there were six (6) deaths of marasmus.

Season.—The deaths in this class were about equally divided among the seasons.

Sex.—The deaths in this class were of twenty-one (21) males, and twenty-six (26) females.

Age.—All the deaths in this class, except the two (2) under the order *women*, were of persons under five years of age, or seventy and over.

Social Relations.—Of the deaths in this class, thirty-six (36) were of single, four (4) of married ; and seven (7) of widowed persons.

Nativity.—Forty (40) of the deceased in this class were born in the United States ; three (3) in Canada ; and four (4) in Ireland.

Under the *violence* class, or deaths by accident, negligence, suicide, etc., six (6) deaths are recorded, or 2.74 per cent. of all deaths. Two (2) were caused by accidental drowning; and one (1) by an accidental burn. Of the deaths by suicide, two (2) were by hanging; and one (1) by cutting the throat.

Season.—The cases of drowning were in the Summer, and those of suicide, in the Winter season.

Sex.—The cases of drowning were of males; of burn, a female. Those of suicide were of two (2) males, and one (1) female.

Age.—The cases of drowning were of boys, between the ages of five and twenty. The burn was of a female over fifty years of age. The cases of suicide were all of persons between the ages of twenty and sixty.

Social Relations.—Two (2) of the deaths in this class were of single, and four (4) of married persons.

Nativity.—Five (5) of the deceased in this class, were born in the United States, and one (1) in Canada.

Respectfully submitted,

H. H. ATWATER, M. D.,

Health Officer.

VITAL STATISTICS
OF THE
CITY OF BURLINGTON, VT.,
FOR THE YEAR 1880.

Table 1.—Marriages.—SEASON, NATIVITY AND CEREMONY.

SEASON.	NATIVITY.								CEREMONY.		
	OF GROOM.				OF BRIDE.						
	U. States.	Canada.	Ireland.	England.	U. States.	Canada.	Ireland.	England.	Prot. Cler.	Cath. Pr'st.	TOTAL.
January,.....	8	4	...	...	9	3	...	...	5	7	12
February,.....	3	1	1	...	4	1	...	...	3	2	5
March,.....	4	...	...	...	3	...	1	...	2	2	4
April,.....	5	5	1	...	8	3	...	...	5	6	11
May,.....	8	1	...	...	7	2	...	...	6	3	9
June,.....	2	1	2	...	3	...	2	...	2	3	5
July,.....	4	...	...	...	3	1	...	...	2	2	4
August,.....	6	2	1	...	8	1	...	...	4	5	9
September,....	3	2	...	...	4	1	...	...	3	2	5
October,.....	12	2	1	...	11	4	...	...	7	8	15
November,....	6	...	1	1	6	1	1	...	3	5	8
December, ...	5	...	...	1	4	1	1	...	3	3	6
Total, ..	66	18	7	2	70	18	5	...	45	48	93

Marriages in 1879,..... 92

Table 2.—Births.—SEASON, SEX, NATIVITY, LOCALITY OF BIRTHS, AND NUMBER OF MOTHERS OF EACH AGE.

SEASON.	SEX.	NATIVITY.						LOCALITY.						AGE OF MOTHERS.			
		OF FATHER.			OF MOTHER.			OF BIRTH.						No.	Age.	No.	Age.
		U. States.	Canada.	Ireland.	Other Countries.	Unknown.	U. States.	Canada.	Ireland.	Other Countries.	Unknown.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.
January,	Male.	15	15	7	3	1	16	8	2	...	...	...	3	4	6	4	26
February,	Female.	15	14	9	5	1	16	11	2	...	...	...	4	7	7	7	29
March,		16	14	24	6	...	20	9	1	...	...	3	4	2	10	8	30
April,		3	24	11	6	1	30	8	4	...	...	2	10	7	13	8	43
May,		15	14	13	8	...	20	15	4	...	...	3	8	3	13	7	29
June,		8	14	16	12	2	18	12	1	1	...	3	6	4	14	5	32
July,		9	10	6	1	1	5	10	3	...	...	1	3	4	7	4	18
August,		11	12	9	1	1	12	8	3	...	...	...	4	3	5	4	18
September,		15	10	12	7	...	17	5	3	...	...	...	4	4	10	5	23
October,		10	12	6	2	...	14	5	3	...	...	...	7	10	4	4	25
November,		11	4	8	1	1	11	3	1	...	...	...	3	6	6	4	23
December,		13	9	15	2	1	16	4	2	...	...	1	1	7	3	10	22
Total,		171	143	176	90	37	195	88	29	1	...	14	50	124	54	71	314

Births of four Colored children, two illegitimate children, one twin birth, and twelve still-births are included in 1880. Births in 1879.—310.

Table 3.—Deaths, Continued.—DISEASE, SEASON, SEX AND SOCIAL RELATIONS.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			Total.	
	Jan.	Feb.	March.	April.	May.	June.	July.	August.	Sept.	October.	Nov.	Dec.	Male.	Female.	Single.	Married.	Wid'w'd.		
CLASS III.—LOCAL.																			
ORDER 1.—NERVOUS.																			
Apoplexy and Paralysis, . . .	1	3	1	1	1	1	1	1	1	1	1	1	2	7	1	2	1	6	9
Insanity,	1	1	1	1	1	1	1	1	1	1	1	2	2	3	4	1	2	3	4
Convulsions,	1	1	1	1	1	1	1	2	1	1	1	1	4	2	6	1	1	1	6
Brain Disease,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Chorea,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tetanus,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ORDER 2.—CIRCULATORY.																			
Heart Disease,	2	1	1	1	1	1	3	1	1	1	1	1	3	7	1	1	5	4	10
Hemorrhage, congenital, . . .	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Pulmonary Hemorrhage, . . .	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ORDER 3.—RESPIRATORY.																			
Bronchitis,	1	1	1	1	1	2	1	1	2	2	1	1	3	5	5	4	3	1	8
Pneumonia,	2	2	1	1	1	1	1	1	1	2	1	1	4	2	4	2	2	1	6
Congestion of Lungs, . . .	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
ORDER 4.—DIGESTIVE.																			
Gastritis,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2
Enteritis,	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	1	1	3	3
Intestinal Obstruction, . . .	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1
Ascites,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Liver Disease,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Peritonitis,	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Strangulated Hernia, . . .	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

Table 3.—Deaths, Continued.—AGE, NATIVITY, LOCALITY AND PERCENTAGE FROM EACH CAUSE.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE						NATIVITY.				LOCALITY.					Ratio of deaths from each cause to total.	
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States	Canada.	Ireland.	Other Countries	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		
	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.	TOTAL.		
CLASS III.—LOCAL.																	
ORDER 1.—NERVOUS.																	
Apoplexy and Paralysis, . . .	3	1	1	2	1	4	6	1	2	...	...	1	3	1	4	9	4.11
Insanity,	3	1	...	...	...	2	3	1	...	...	...	1	2	...	...	3	1.37
Convulsions,	1	...	5	...	...	...	6	...	...	...	2	1	3	2	...	4	1.83
Brain Disease, . . . . .	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	1	2.74
Chorea, . . . . .	...	...	...	...	...	...	1	...	...	...	...	...	...	...	...	1	.46
Tetanus, . . . . .	...	...	...	...	...	...	1	...	...	...	1	...	...	...	...	1	.46
ORDER 2.—CIRCULATORY.																	
Heart Disease,	1	...	...	3	4	3	5	1	3	1	1	1	2	3	3	10	4.57
Hemorrhage, congenital, . . .	...	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	.46
Pulmonary Hemorrhage, . . .	...	...	...	...	...	1	...	...	1	...	...	...	...	1	...	1	.46
ORDER 3.—RESPIRATORY.																	
Bronchitis,	3	2	...	...	1	2	6	1	1	...	...	1	2	2	3	8	3.65
Pneumonia,	2	...	...	1	2	1	3	1	2	...	1	1	3	1	...	6	2.74
Congestion of Lungs,	1	...	...	...	...	...	...	...	...	...	...	...	1	...	...	1	.46
ORDER 4.—DIGESTIVE.																	
Gastritis, . . . . .	...	1	...	...	1	...	2	...	...	...	...	...	...	1	1	2	.91
Enteritis,	2	1	...	...	...	...	2	1	...	...	1	2	...	...	...	3	1.37
Intestinal Obstruction, . . .	...	...	2	...	...	...	1	1	1	...	...	2	...	...	...	2	.91
Ascites, . . . . .	...	...	1	...	...	...	1	...	...	...	...	...	...	...	1	1	.46
Liver Disease, . . . . .	...	...	1	...	...	...	1	...	...	...	...	1	...	...	...	1	.46
Peritonitis, . . . . .	...	...	1	...	...	...	1	...	...	...	...	...	1	...	...	1	.46
Strangulated Hernia, . . . .	...	...	...	...	...	1	1	...	...	...	...	...	...	...	...	1	.46

Table 3.—Deaths, Continued.—DISEASE, SEASON, SEX AND SOCIAL RELATIONS.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			Total.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Single.	Married.	Widowed.	
ORDER 5.—URINARY.																		
Bright's Disease,	1													1		1		1
Diabetes,										1				1		1		1
Nephritis,										1			1				1	1
Cystitis,								1				1	2			1		2
CLASS IV.—DEVELOPMENTAL.																		
ORDER 1.—CHILDREN.																		
Still-birth,	1	2	1	3			2		1		1	1	4	8	12			12
Congenital Debility,	3		4					1	1				8	2	10			10
Premature Birth,				1	1									2	2			2
Spina Bifida,					1	1		1						3	3			3
Asphyxia,						2							2		2			2
ORDER 2.—WOMEN.																		
Ovarian Tumor,												1		1		1		1
Puerperal Fever,						1								1		1		1
ORDER 3.—OLD PEOPLE.																		
Old Age,	1		1	1	1	2	3		1		1		4	6	1	2	7	10
ORDER 4.—NUTRITION.																		
Marasmus,								2	2		2		3	3	6			6

Table 3.—Deaths, Continued.—DISEASE, SEASON, SEX AND SOCIAL RELATIONS.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			Total.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Single.	Married.	Widowed.	
CLASS V.—VIOLENCE.																		
ORDER 1.—ACCIDENT.																		
Drowning,.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	.....	2	.....	2	.....	.....	1
Burn, .....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	2
ORDER 3.—SUICIDE.																		
Hanging,.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	1	.....	2	.....	2
Cutting Throat,.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
Total,.....	11	21	20	18	15	19	27	20	22	10	19	17	110	109	141	53	25	219

Table 3.—Deaths, Continued.—AGE, NATIVITY, LOCALITY AND PERCENTAGE FROM EACH CAUSE.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE							NATIVITY.				LOCALITY.					Ratio of deaths from each cause to total.
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States.	Canada.	Ireland.	Other countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	TOTAL.	
CLASS V.—VIOLENCE.																	
ORDER 1.—ACCIDENT.																	
Drowning.....	.....	.....	2	.....	1	.....	2	.....	.....	.....	1	.....	.....	.....	1	2	.91
Burn,.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.43
ORDER 3.—SUICIDE.																	
Hanging.....	.....	.....	.....	1	1	.....	1	1	.....	.....	.....	1	1	.....	.....	2	.91
Cutting Throat, .....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.43
Total,.....	79	29	22	39	24	26	172	24	21	2	25	31	83	40	40	219	

Deaths of three Colored Persons, are included in 1880. Ratio of deaths, excluding still-births in 1880, to 1000 inhabitants, 18.21, the population by census of 1880 being 11,364. Deaths in 1879.—228.

M E T E O R O L O G Y

AT THE

U. S. SIGNAL SERVICE STATION,

BURLINGTON, VT.

1880	Mean Barom.	Mean Temp.	Mean Humidity.	Rain and melted snow in inches.
January,.....	30.137	30.	71.8	1.87
February,.....	30.025	25.4	71.6	0.62
March,.....	30.045	27.5	68.7	0.97
April,.....	29.906	43.6	58.4	1.73
May,.....	29.968	61.5	60.9	1.46
June,.....	29.929	68.1	62.3	1.33
July,.....	29.923	71.7	61.9	2.30
August,.....	30.070	68.4	62.7	2.26
September,.....	30.038	62.9	68.6	3.26
October,.....	30.093	48.7	67.5	6.22
November,.....	30.218	33.8	70.4	2.57
December,.....	30.052	20.4	77.1	0.62

Death rates, for the year 1880, of New England cities and towns, having a population of 10,000 and less than 30,000, and requiring burial permits.

	Population by U. S. Census of 1880.	Total Deaths.	Ratio for 1,000 Inhabitants
Bridgeport, Ct.,.....	29,148	556	19.07
Salem, Mass.,.....	28,186	632	22.42
New Bedford, Mass.,.....			
Somerville, Mass.,.....	24,985	426	17.05
Holyoke, Mass.,.....	21,851	529	24.20
Chelsea, Mass.,.....	21,780	450	20.66
Taunton, Mass.,.....	21,213	402	18.95
Norwich, Ct.,.....	21,151	402	19.00
Waterbury, Ct.,.....			
Gloucester, Mass.,.....	19,379	426	21.98
Pawtucket, R. I.,.....	19,061	352	18.41
Haverhill, Mass.,.....	18,475	350	18.94
Meriden, Ct.,.....	18,340	243	13.25
Newton, Mass.,.....			
Woonsocket, R. I.,.....	16,055	318	19.80
Newport, R. I.,.....			
New Britain, Ct.,.....	13,978	227	16.24
Norwalk, Ct.,.....			
Concord, N. H.,.....	13,845	239	17.26
Brockton, Mass.,.....	13,608	217	15.94
Newburyport, Mass.,.....	13,470	283	21.00
Nashua, N. H.,.....			
Pittsfield, Mass.,.....	13,300	278	20.90
Fitchburg, Mass.,.....	12,405	232	18.70
Northampton, Mass.,.....	12,156	182	14.97
Malden, Mass.,.....	12,017	240	20.00
Waltham, Mass.,.....	11,800	167	14.15
Middletown, Ct.,.....	11,731	197	16.79
Dover, N. H.,.....			
Danbury, Ct.,.....			
Derby, Ct.,.....			
BURLINGTON, VT.,.....	11,364	207	18.21
Chicopee, Mass.,.....	11,325	215	18.98
Attleborough, Mass.,.....	11,109	193	17.37
Woburn, Mass.,.....	11,028	186	16.86
Weymouth, Mass.,.....	10,571	182	17.21
New London, Ct.,.....	10,529	232	26.78
Quincy, Mass.,.....	10,529	194	18.42
North Adams, Mass.,.....			

DEPARTMENT OF PUBLIC SCHOOLS.

BOARD OF SCHOOL COMMISSIONERS.

President,

H. O. WHEELER, Superintendent.

Clerk,

J. W. RUSSELL.

WARD ONE,

E. B. TAFT.

Term, April 1, 1880-82.

WARD TWO,

S. HUNTINGTON.

Term, April 1, 1879-81.

WARD THREE,

H. R. WING.

Term, April 1, 1880-82.

WARD FOUR,

L. G. WARE.

Term, April, 1, 1879-81.

WARD FIVE,

J. W. RUSSELL.

Term, April 1, 1879-81.

STANDING COMMITTEES.

On School Houses and School Property,

WHEELER, HUNTINGTON and WING.

On Instruction, Text Books and Teachers,

WHEELER, WARE, TAFT and RUSSELL.

On Finance and Accounts,

WHEELER, HUNTINGTON, WING and RUSSELL.

On Rules and Regulations,

WHEELER, WARE and RUSSELL.

REGULAR MEETINGS OF THE BOARD.

First Friday in each month, 7.30 P. M., at the Superintendent's office, in Fletcher Library Building.

SUPERINTENDENT'S OFFICE HOURS

From 4.15 to 5.15 P. M., days on which schools are in session,

ROLL OF TEACHERS.

WINTER TERM, 1881.

HIGH SCHOOL.

Principal—Joseph D. Bartley.

1st Assistant—Anna M. Johnson.

2d “ Clara H. Pease.

GRAMMAR SCHOOL.

Principal—Eliza J. Leyden.

1st Assistant—Mary E. Wells.

2d “ Mary E. Collins.

3d “ Anna T. Smith.

GRAMMAR “ANNEX.”

Teacher—Ellen H. Vilas.

PINE STREET INTERMEDIATE.

Principal—Ella M. Reardon.

1st Assistant—Laura M. Pease.

2d “ Clara M. Lawrence.

POMEROY INTERMEDIATE.

Principal—M. Jeannette Stevens.

1st Assistant—Florence D. Stearns.

2d “ Kate E. Lowry.

ADAMS INTERMEDIATE.

Principal—Cora E. Northrop.

Assistant—Minnie J. Miller.

NORTH AND MURRAY STREETS
INTERMEDIATE.

Teacher—Jennie C. Robbins.

PINE STREET PRIMARY.

Principal—Eva E. Sallies.

1st Assistant—Mary R. Cole.

2d “ Lillie W. Mason.

POMEROY PRIMARY.

Principal—Lizzie A. Reese.

1st Assistant—Carrie M. Wing.

2d “ Lottie M. Burnett.

ADAMS PRIMARY.

Principal—Mary J. Brown.

1st Assistant—Alice H. Burt.

2d “ M. Amanda Miller.

NORTH AND MURRAY STREETS PRIMARY.

Principal—Ella J. Case.

Assistant—L. Jeanie Macrae.

FALLS SCHOOL.

PRIMARY AND INTERMEDIATE GRADES.

Principal—Jennie M. Mathews.

Assistant—Kate A. Enright.

NORTH AVENUE.

PRIMARY AND INTERMEDIATE GRADES.

Teacher—Anna M. Gilliland.

CHERRY STREET UNGRADED DAY AND
EVENING SCHOOLS.

Teacher—David J. Foster.

FALLS EVENING SCHOOL.

Teacher, Geo. B. Catlin.

SUPERVISOR OF FREE HAND DRAWING.

Eliza J. Leyden.

PUPIL TEACHERS.

YEAR, 1880.

CLARA M. LAWRENCE,	ETTA H. STANNARD,
NELLIE R. KIDDER,	MELVENA GILLILAND,
FRANCES PROUTY,	MARY E. KELTON,
KATE A. ENRIGHT,	KATE CLARKE,
HARRIET B. NORTHROP,	LOVINA PETTY,
MARY E. FISK.	

HIGH SCHOOL GRADUATES.

CLASS OF 1880.

HIRAM C. BARBER,	HELEN P. BARTLEY,
LUCY BENEDICT,	T. FRANK BRINSMAID,
HIRAM K. BULLIS,	CARRIE M. BULLIS,
FRANK H. CRANDALL,	GILBERT A. DOW,
MARIE M. GRAVES,	GRENVILLE HOWARD,
WALTER C. ISHAM,	CATHERINE E. JOHNSON,
MARY E. KELTON,	HARRIET E. KINGSBURY,
GEORGE H. LESSER,	ALBERT A. MILLER,
WILLIAM S. NORTHROP,	LOVINA PETTY,
GEORGE W. STONE,	HARRIET A. TOWNSHEND.

REPORT
OF THE
SUPERINTENDENT OF SCHOOLS.

To the Honorable the City Council :

GENTLEMEN :—In obedience to the requirements of the City Charter, I present herewith the report of the Department of Public Schools (being the thirteenth to the City Council) for the year 1880 :

FINANCIAL STATEMENT.

RECEIPTS.

Interest on U. S. Deposit Fund	\$1,747.39
“ “ Water Bond	84.00
Rent of school lands	164.61
Amount tuitions from non-resident pupils	605.00
Sundries from Superintendents	7.93
Arrears of taxes, 1877	89.43
Taxes of 1880	17,080.05
Total	<u>\$19,778.41</u>

DISBURSEMENTS.

Teachers' salaries	\$14,590.37
Superintendents' salaries :	
C. J. Alger	\$291.66
H. O. Wheeler	466.66—858.32
Janitors and cleaning	906.75
Repairs	886.51
Fuel	1,005.50
Apparatus, maps, &c	25.00
Incidentals	503.48
Supplies	227.49
Furniture	48.18
Water rates	85.00
Insurance	242.15
Interest on old liability and on temporary loans,	249.88
Total	<u>\$19,628.63</u>

RECAPITULATION.

Total receipts	\$19,778.41
Total disbursements ..	19,628.63
Surplus for the year	<u>\$149.78</u>

Liabilities of the Department at the beginning of the year,
as per last annual report :

“ Unpaid balance against this department, last year, for con-	
“ struction loan of 1874, and special repairs of High School	
“ building in 1877, and deficit in 1875-76	\$574.03
“ For special repairs on High School building	
“ in 1879,	1,163.39
“ Deficit in 1879	88.55
“ Total liability	<u>\$1,825.97</u>

“ This liability is made up as follows :

“ Loan at Bank.....	\$2,000.00
“ Less cash in City Treasury.....	174.03
“ Leaving liability as above	<u>\$1,825.97</u>

PRESENT LIABILITY :

Liability reported one year ago	\$1,825.97
Less surplus for year 1880.....	<u>149.78</u>
Liability, January 1, 1881,.....	<u>\$1,676.19</u>

The present liability of the Department is carried by a temporary bank loan.

Estimates of receipts and disbursements for the year 1881:

RECEIPTS.

Interest on U. S. Deposit Fund	\$1,400.00
Rent of School Lands.....	170.95
Interest on Water Bond	84.00
Tuitions from non-resident pupils.....	500.00
Taxes.....	<u>17,080.05</u>
Total,.....	<u>\$19,235.00</u>

DISBURSEMENTS.

Teachers' salaries	\$14,500.00
Superintendent's salary	800.00
Janitors and cleaning.....	1,000.00
Repairs	500.00
Fuel	1,000.00
Apparatus, Maps, &c.	75.00
Incidentals	450.00
Supplies.....	250.00
Insurance	150.00
Furniture.....	50.00
Water Rates	85.00
Evening Schools	150.00
Interest on loans pending collection of taxes ...	<u>225.00</u>
Total.	<u>\$19,235.00</u>

FINANCES.

As the expenses of the Department have somewhat exceeded the estimates for the year, a brief explanation will not be out of place. The number of scholars in the Grammar School exceeded the utmost seating capacity of the Grammar School room, and thus made necessary the employment of an additional teacher, and the opening of another school room, with all the incidental expenses of a school.

The great advance in fuel raised that item, alone, from \$702.89 in 1879, to \$1,005.50 in 1880; while the expiration of a large proportion of the insurance carried by the Department, and the enlarged indebtedness, increased the items of insurance and interest from \$344.62 in 1879, to \$492.08 in 1880. And, in addition to these items, special repairs on the High and Adams School buildings were made, necessitating an unexpected outlay of about \$350.

The repairs of the year are all included in the disbursements.

But notwithstanding the great demands upon the funds of the Department, during the year, by favor of the increased Grand List of the city a small amount has been applied in reduction of the Department's indebtedness, as appears by the foregoing statement.

As shown by the estimates for the year 1881, a tax of 50 cents on the dollar of the present Grand List will be required for school purposes, the coming year.

CONDITION OF SCHOOL PROPERTY.

During the past year, in addition to the special repairs which have been referred to, substantial improvements have been made in other school buildings and grounds.

The Falls and North Avenue buildings were in a dilapidated condition. In the case of the former, the roof was reshingled throughout, chimneys were relaid, wood work within and without was painted, the belfry was reconstructed, and considerable new fence was made, besides various minor repairs; and the latter, in like manner, underwent general repairs.

All of the school property now (allowance being made for the construction of some of the old buildings) is in reasonably good condition.

STATISTICS.

The following table shows the total enrollment, daily average attendance, attendance per cent., number of instances of tardiness, number of dismissals, number of scholars having no absences, and number of visits received, of each school for each term of the year, to which is added a statistical comparison with the year 1879 :

1880.	SCHOOLS.	WINTER TERM.							SPRING TERM.							FALL TERM.													
		Number Enrolled.	Daily average attendance.	Attendance per cent.	Number instances of tardiness.	Number of dismissals.	Number scholars with no absences.	Number visits received by school.	Number enrolled.	Daily average attendance.	Attendance per cent.	Number instances of tardiness.	Number of dismissals.	Number scholars with no absences.	Number visits received by school.	Number enrolled.	Daily average attendance.	Attendance per cent.	Number instances of tardiness.	Number of dismissals.	Number scholars with no absences.	Number visits received by school.	Number enrolled.	Daily average attendance.	Attendance per cent.	Number instances of tardiness.	Number of dismissals.	Number scholars with no absences.	Number visits received by school.
	High,.....	93	86	92	42	12	26	3	80	73	91	30	18	26	10	91	84	92	64	25	17	18	91	84	92	64	25	17	18
	Grammar, "Annex,"	148	133	89	59	8	38	40	131	117	89	65	4	22	23	153	135	88	60	12	33	19	153	135	88	60	12	33	19
	Pine Street Int.,...	92	81	88	51	3	19	15	84	70	83	17	3	19	20	77	76	83	48	3	8	19	77	76	83	48	3	8	19
	Pomeroy Int.,...	96	83	86	25	13	12	17	86	77	89	33	7	15	16	91	76	83	83	10	11	8	91	76	83	83	10	11	8
	Adams Int.,...	46	39	84	23	6	8	26	45	38	84	26	17	7	13	47	38	80	20	16	2	17	47	38	80	20	16	2	17
	N. and M. Sts. Int.,...	27	23	85	6	2	3	13	22	20	90	8	7	7	21	33	28	84	17	8	9	33	28	84	17	8	9	33	28
	Pine St. Primary,...	93	82	88	39	8	19	35	121	104	85	37	4	22	44	128	100	78	57	8	14	40	128	100	78	57	8	14	40
	Pomeroy Primary,...	97	78	80	43	9	16	38	114	99	86	22	6	27	29	124	97	78	62	7	6	37	124	97	78	62	7	6	37
	Adams Primary,...	90	77	85	73	1	19	20	112	92	82	109	...	25	9	114	74	64	122	...	7	12	114	74	64	122	...	7	12
	N. and M. Sts. Prim.,...	71	60	84	55	5	6	8	99	75	75	48	2	22	21	82	65	79	46	2	8	15	82	65	79	46	2	8	15
	Falls Intermediate, 24 34	59	43	72	19	12	11	12	68	48	70	31	14	9	21	13	60	39	65	43	15	7	13	60	39	65	43	15	7
	N. Ave. Primary, 11 12	23	20	86	55	3	4	3	20	17	85	46	7	5	3	15	16	88	54	21	1	7	15	16	88	54	21	1	7
	Ungraded Day,...	35	20	57	...	...	...	...	...	...	...	...	...	...	...	15	5	33	39	7	...	2	15	5	33	39	7	...	2
	Ungraded Evening,...	40	21	52	...	...	...	5	...	...	...	...	...	...	...	73	34	46	...	...	...	2	73	34	46	...	...	...	2
	Falls Evening,...	43	33	76	...	...	...	...	...	...	...	...	...	...	...	23	13	56	...	...	...	1	23	13	56	...	...	...	1
	Totals,.....	1053	879	83	490	82	181	235	982	830	84	472	89	206	230	1165	892	77	782	143	121	221	1165	892	77	782	143	121	221

The following table gives the enrollment of the Graded Schools, by grades, for each term of the year, and the percentage of enrollment of each grade :

GRADE.	WINTER TERM.		SPRING TERM.		FALL TERM.	
	Total enrolled.	Per cent. in grade.	Total enrolled.	Per cent. in grade.	Total enrolled.	Per cent. in grade.
High School,.....	93	10	80	8	91	9
Grammar School,.....	148	16	131	13	189	17
Intermediate Schools,.....	297	32	270	28	268	26
Primary Schools,.....	397	42	501	51	506	48
Totals,.....	935	100	982	100	1054	100

The foregoing statistics indicate, in most respects, gain and improvement for the year.

The gains of the year are, an increase of 1 per cent. in the "attendance per cent." of the winter and fall terms, an increased daily average attendance every term, a decrease of 442, or 20 per cent. in the number of instances of tardiness for the year, and a net gain in enrollment of 68. While the losses of the year are only, a decrease of 1 per cent. in the "attendance per cent." of the spring term, and an increase of 106 in the number of dismissals for the year.

It is especially gratifying that the increase in enrollment is largely in the Grammar School, rather than in a lower grade.

The average attendance, in several of the schools; was considerably lowered, during the year, by the prevalence of contagious diseases in the city. But, that only 181, 206, and 121 scholars, in each of the terms respectively, were present at every session, would seem incredible, if the detailed reports of the schools did not prove the correctness of these figures.

Irregularity and tardiness, carried to the extent indicated by the table, seriously interferes with the schools and with the general habits and characters of the scholars. A resort

to more stringent rules to correct these evils would seem to many an arbitrary exercise of authority, and might result in injury to the schools. A more effective remedy can be applied by the patrons of the schools—the parents of the scholars. It is within their power, acting in concert with the school authorities, to do away with unnecessary tardiness and irregularity to a very large extent, and thus so aid the scholars that they through life shall be characterized by habits of punctuality and regularity, formed in our public schools.

The scholar's school-work is his *business*, and nothing of less importance should be allowed to interfere with, or obstruct the successful prosecution of, that business. Business principles apply here, and must commend themselves to business people.

The table showing the number of scholars in each grade is suggestive. The same conditions as to proportionate numbers in the several grades would probably be found to exist generally, elsewhere. The important practical problem is—how can the attendance in the higher grades be increased?

Doubtless there will always be a constantly diminishing number in the schools as the grades ascend. A few fall out from lack of capacity, or ill health, more from stress of circumstances requiring their labor for the support of the families to which they belong, and a considerable number to attend denominational schools; but a great number leave school before completing the full course, because of a want of appreciation of the value of education, and a consequent indifference to the subject.

Compulsory legislation is one method of securing the desired result in respect to this matter.

But a favorable public opinion, which shall be more than a *mere sentiment*—a public opinion which shall express itself in all practicable ways, for the encouragement of all grades of schools and scholars—can furnish the most satisfactory solution.

The branches of study increase in interest and value as the course proceeds. Of necessity, the application to prac-

tical affairs, of the elementary principles and processes taught in the Primary and Intermediate Schools, must be left mainly to the higher grades; and accordingly, those who miss the studies in the Grammar and High Schools fail to receive the chief benefit of the lower grades.

Our Grammar School should always overflow, and our High School should be filled.

The course of study in the High School is adapted to the general needs of all. Those who intend to pursue still higher courses find here the necessary preparation. And the greater class of students, those whose school days end with the High School, have here the means, not to be found in any of the lower grades, of acquiring the knowledge and training which will fit them for the discharge of the common duties of life.

The State, in providing for its own preservation and perpetuity,—its own welfare—by the education of its citizens, certainly could not have intended that the scholars in the Public Schools should suspend their studies on the verge of illiteracy. Nothing short of a course of study, adapted to fit men for practical affairs, and for the discharge of the responsible duties of citizenship, and actually pursued to completion, can meet the demands of the present time, or accomplish the object of the State.

No better comment on the effect and influence of the complete course of study can be made, than that which is furnished annually, by the classes as they graduate from the High School. And yet, the fact that a large proportion of the scholars leave school while members of the lower grades, remains, and demands attention.

Usefulness, in its comprehensive sense as respects knowledge, discipline and character, is the test which should be applied to courses of study and methods of instruction. Manifestly, the branches of study should be so arranged, without prejudice to the complete course embraced in all the grades, and the method of instruction should be such, that at every step the scholar shall receive the greatest possible benefit. Then, at whatever stage in his course, it is his misfortune to fall out of school, the instruction the

scholar has received, will be of use to him in the ordinary concerns of life, and the schools will be adapted to the necessities of some, as well as the wants of all. Trite though it may be, the true object of Public Schools should be kept constantly in view, and the schools themselves should be adapted to accomplish the objects for which they were established. It will be the constant aim of your school authorities, in their labors, to keep these considerations in mind.

My term of office began April 15, 1880, during the last term of the last school year, when the work of the year had been nearly accomplished. On entering upon the duties of my office, it is perhaps needless for me to say, I found the schools, in the main, in excellent condition. Our schools have long had a favorable public opinion, a judicious and well qualified School Board, and competent and zealous supervision. In addition to, or more properly, in consequence of these favorable conditions, the schools have also had a corps of trained and experienced teachers, especially adapted to, and excelling in, their respective grades. Under these circumstances, the result could not be uncertain, and our schools have an established reputation for excellence, which is by no means confined to our own city.

The general conduct, management, and character of the schools, remain unchanged.

Only eight of the teachers, whose names appeared in the last annual report, are missed from the present roll.

Those who left us were among the best in their respective departments, but their places were nearly all so well filled that the work moves on with little apparent change.

The positions of Principals, which were left vacant, at the close of the last school year were all filled by the promotion of First Assistants, who, by years of faithful and successful service, had demonstrated their worthiness of promotion,

Well known educational institutions are represented by graduates, in our corps of teachers, as follows :

- 2 University of Vermont.
- 1 Williams College.
- 1 Dartmouth College.
- 1 Vassar College.
- 8 State Normal School, Oswego, N. Y.
- 1 " " " Geneseo, "
- 1 " " " Potsdam, "
- 2 " " " Randolph, Vt.
- 4 High School, Burlington.
- 1 " " Roxbury, Mass.
- 1 " " Fairhaven, Mass.
- 1 " " Syracuse, N. Y.
- 1 " " Oswego, N. Y.

Two teachers, not graduates of Normal Schools, have taken partial courses, as follows : 1 State Normal School, Salem, Mass. ; 1 State Normal School, Oswego, N. Y.

Permit me now, gentlemen, to call your attention briefly to a few matters touching the results of the past year, and the work of the future.

Beside the general progress indicated by the statistics, there are some special matters worthy of mention.

There has been, during the year, a marked improvement in

DRAWING.

Miss Leyden's general supervision of the subject has been continued, and the Teachers' Meetings, this year, as last, have been devoted largely to teachers' classes in Drawing, under Miss Leyden's direction. The interest in the subject, on the part of teachers and scholars, has increased, and the work in all grades is now very creditable.

There has also been a noticeable improvement in

WRITING,

particularly in the lower grades. In the High and Grammar Schools, there has been a perceptible advance in the general spirit of the schools, and in a disposition to closer applica-

tion to school work. And, in general, the upward tendency, which has characterized the schools for many years, has continued throughout the past year.

NON-RESIDENT PUPILS.

As an indication of the high estimation in which our schools are held, the presence of a considerable number of non-resident pupils may be mentioned. During the year, there have been non-resident pupils in all the grades, from the Primary to the High School. These scholars furnish, by way of tuitions, an important item in our receipts, and are so distributed that no additional expense is incurred on their account.

From their general good character and studious habits, they prove a very desirable class of scholars, and their attendance is encouraged.

PUPIL TEACHERS.

During the year, eleven young ladies,—two of whom were from other towns,—availed themselves of the opportunity to enter the schools as Pupil Teachers, in accordance with the plan mentioned in the last annual report of this Department. One, Miss Kate A. Enright, was appointed Assistant in the Falls School at the beginning of the present school year, and another, Miss Clara M. Lawrence, is now (winter term, 1881,) filling the place of 2d Assistant in Pine Street Intermediate School.

Although but a short time has elapsed since the admission of Pupil Teachers, it may be said that, in many instances, they have rendered valuable assistance in the schools, and in all cases, they must have received substantial benefit.

It is believed that the plan, as its practical working settles into a system, will prove to be advantageous to all concerned.

1881.

As to the current year, no efforts will be spared by the present Board to make a judicious expenditure of the funds entrusted to its care, and to promote, as far as possible, all

the interests of the Public Schools. Special attention will be given to matters of practical importance. While being conservative as to the good already possessed, the intention will be, to be progressive as to all feasible improvements.

In conclusion, permit me, through you, to thank the people of Burlington for the sound public opinion which has thus far sustained good schools, for the considerate forbearance which has at all times been extended to the members of the School Board in the discharge of their important duties, and to bespeak, for the future, in behalf of the School Board, the Teachers and the Scholars, not only a continuance of the public favor and charitable judgment hitherto accorded, but also an increased and more active interest on the part of all citizens of Burlington, in all that concerns the Public Schools.

Respectfully submitted,

H. O. WHEELER,

January, 1881.

Superintendent.

FLETCHER FREE LIBRARY.

OFFICERS:

TRUSTEES OF THE LIBRARY,

THE MAYOR, *ex-officio*.

E. J. PHELPS,

M. H. BUCKHAM,

SAMUEL HUNTINGTON,

L. G. WARE.

TRUSTEES OF THE FUND,

HENRY LOOMIS,

H. P. HICKOK,

T. E. WALES.

LIBRARIAN,

T: P. W. ROGERS.

ASSISTANT,

LIZZIE R. MOORE.

MESSENGER,

W: H. STONE.

REPORT

OF THE

Trustees of the Fletcher Free Library.

BURLINGTON, VT., JANUARY 1, 1881.

To the Honorable the Board of Aldermen :

GENTLEMEN :—

The Trustees of the Fletcher Free Library beg leave to present their Seventh Annual Report ; and to renew their thanks to you for your favorable consideration, in the past year, of its wants.

A Library is perhaps,—like a people whom long peace leaves without annals,—happy when it has not much of a story to tell. Ours leads an uneventful life, but a busy one ; and, as Gray's village worthies who " kept the noiseless tenor of their way," is living, it is certain, after its quiet fashion, to very good purpose.

The Trustees have to ask your attention to the Report of the Librarian, in which you will find the figures which mark the Library work for the year,—the use made of it, its additions, donations, etc.

The figures show the use, but hardly the usefulness of it. For this, inquiry must be made in the households where over 30,000 borrowers use the books to their pleasure or instruction ; but most among those who have used them in special lines of study and pursuit. It is among these last

that the Library is doing its best,—fully carrying out the ends of usefulness which its founders had in mind in establishing it, and which remain the purpose of the city in carrying it on.

The Trustees are glad to welcome the crowd of all sorts of readers, who use it as pastime, to while away spare hours over an entertaining book. They are pleased to think of the many who are finding in it recreation of the better sort. It is special gratification to know that to some, the books furnish a wholesome relief from taxing cares and an uplift above monotony of life ; and that they have helped the sick often to bear their pain and get through hours of weariness. Yet, for the ten thus served, the one borrower is to be perhaps more considered, who comes with a purpose, coming after just that book which shall show him the machine, or the example in art he wants to look at, or which will make clear the point, or fact, or process he needs to use in his hand-work or brain-work.

When a book-agent came to President Lincoln with his book, he looked it over, and, handing it back, said : “I should think this would be just the sort of book for a man who was looking for this sort of book !” The Trustees would willingly write this,—motto-wise,—on the Library wall. For the jest really sets forth the serious purpose and most useful use of a public library ; which is to be ready to furnish just the book which the borrower with an earnest and pointed purpose is after.

It is quite agreeable to the Trustees to be dunned for this or that particular book. To be asked frequently : “Why don’t you get so and so” ? or “When are you going to get such an one’s last work ?” informs them that the Library grows in favor and in use ; that people are looking to it to mark their wants and to satisfy them ; and that it has become a necessary part of our city life.

These requests, moreover, are now as likely to be for the more substantial as for the lighter kind ; for Miss Bird’s “Unbeaten Tracks in Japan” or for Schliemann’s “Ilios,” or for the latest authority in Sewerage, or Mechanical Construction, or Physiology, rather than for the last poor

novel. For there is a steady rise in the quality of the reading asked for, proportioned to the lowering of the quantity of the lighter kind sought and furnished.

No dunning, however, is pleasant when there is next to nothing in pocket. The Trustees would willingly exercise, in their degree, the magnificent hospitality of some other public libraries, where to ask for a book not on the shelves is tantamount to having it procured, if it be one of real mark. But they have to confess to means too small to do for patrons and the Library what might very properly be done. And their pleasure in these requests of intelligent borrowers is marred by the impossibility of answering many of them. Our fund is far too small to keep up with the reasonable demand and proper supply of current literature, and leave much margin to buy certain books of marked interest and permanent worth such as a well-furnished library will not lack. In smaller towns than ours the free library will be found provided with a particular fund, apart from the general, for the purchase of the costliest works. Such is the "Gardner" fund in the Public Library of Brookline, Mass., which a generous citizen of that town, in his life-time, has set apart for this stated purpose. It is much to be desired that our reference department might, in some such way, be supplied with books which to-day it greatly needs, but which are too costly to buy with our present means. There are ugly gaps in other departments which are a chronic mortification to the Trustees, they are so conspicuous. But they do not hold themselves justified in drawing from the fund for general reading, to make good these special needs. The dog-tax is, in many towns in Massachusetts, set apart to general library purposes. If, in our case, this could be devoted to some specific want,—say to the reference library exclusively,—one marked deficiency would be getting filled.

Of the more important standard works added, the past year,—a list will be found in an Appendix to the Librarian's Report. But, if we had more money, many books of this class would be added, to the benefit of our readers and greater honor to the Library.

The Trustees would respectfully call your attention to some crying needs of the Library building. The roof is still in the ruinous state which threatens to do, any day, very serious damage to the books. We are insured against fire, but not against the water, which, in a wet time, now does not drip, but pours down. If this should happen on some thawy night when our Librarian and his assistants were not on hand with pans and pails, the mischief is something not good to think of. In this ill condition, the old proverb may well be commended: "he gives twice who gives quickly." The evil has come to a point when delays are indeed dangerous. As to the floor, will your Honorable Board kindly come and take a walk on it, and a look at it? It is one year more shabby since our last report; and so bad that it is hard to find a scrubber to clean the frayed and splintery boards.

It does not need to dwell on the educational and social value of the Library. That is beyond question. If there were any doubt, the new free libraries established by public vote and private generosity, and the marked interest in the whole subject, spreading rapidly in our country and in England and on the Continent, would go to solve the doubt and end it. Perhaps the commercial value to the town is not so well made out. But it is not difficult to see that this money-value holds in a good city library as well as in the shops and trades and factories of a city. It is not likely that other important towns in our State will be long content without the advantages which a free library confers; and among its values, they will consider this commercial, as well as the higher values to society and education. When other towns come to follow our good example, we shall be ready with our hearty congratulations. They can do nothing better for their benefit and credit. But it will then remain for us citizens of Burlington to see that we are not distanced in this race of honor and advantage.

I am, gentlemen, for the Trustees, yours respectfully,

L. G. WARE,

Secretary.

LIBRARIAN'S REPORT.

BURLINGTON, VT., January 1, 1881.

To the Trustees of the Fletcher Free Library :

GENTLEMEN :—I herewith respectfully submit my report as Librarian for 1880.

Generally speaking, the year just closed has been uneventful. The only circumstance worthy of note is the decreased circulation which keeps pace with the two preceding years. While the reading always adjusts itself to the demand, I must confess that I think the limit as to a minimum, ought to have been already reached. Four volumes a year to the adult population, in a modern college town, is certainly little reading regarded from any standpoint ; from a Librarian's view it is discouraging. It has doubtless occurred to the Trustees that this lack of prosperity depends upon the Librarian, but I believe, if I may be allowed, that the neglect or incapacity of the Librarian is not the chief nor the considerable occasion of the loss—(to witness which I call attention to the constantly rising quality of the reading)—but to far more weighty and more easily remedied defects.

It would be trite to say that the Library is a useful institution ; it is more, it is an indispensable one. It has taken a permanent place beside the Church and the School. It is beginning to have a constituency in a generation which cannot remember when there was no Free Library. But it is doing about all it can with its present resources. It is too incompletely endowed, not only as to money but as to building and furnishings. The fund supplies only a moder-

ate amount of the best current literature. Lists of indispensable books are made, revised, and finally rejected, to come within the purchase money, until there seems scarcely anything left. Expensive books of reference can only be added by the sacrifice of some necessary current books. And yet people wonder why such and such a book, is not added.

The Library just falls short of reaching those who would do it most good, viz., the business men of the city. With one exception which I have in mind, that class almost never come within its doors. These, could they find it worth while to visit the Library, would not only become its friends and supporters, but would have a large following from those who are quick to imitate and emulate.

The building itself is sufficient to deter from coming any but those who have no other recreation, and those who use it in connection with their studies. The approach is through a long dingy hall and stairway; the delivery room is clumsy; there is scarcely a room in the city with such poor furniture, and the floor would disgrace any building. There is no reading-room; no private study-room; and no place where maps and illustrated books can be shown. Four stoves occupy valuable space, fill the rooms with injurious dirt and are inadequate to warming what a boiler scarcely larger than the smallest would warm.

The outlay of a few hundred dollars, less than half what it cost to put a new floor in the City Hall, would make the Library attractive and convenient. People take pride in, and respect comely and tasteful furnishings. A little money spent in woodwork and color would be a good investment. But these improvements can never be thought of with the present meagre appropriation. With the ceiling stained and discolored from a roof that is likely any day to do serious damage; and with a floor that is positively dangerous, there is little use in suggesting these changes. They are mentioned simply to indicate what must be done if the library would rise above commonplace in the community.

If the books were kept in a remote corner of the city, and the room were open only an hour at midnight, the Library

would find some patrons, but these would come under any circumstances. Those who do not have "time" to read a book nor look at a picture should be reached, whether it be the man, who, in a comfortable parlor reads his daily paper, or the miserable, who by the dim light of a broken lamp, greedily devours one of those worthless New York weeklies. The delivery-room should be as accessible as the best business place in the city. The Library should be open more hours and be well lighted, and comfortable in Winter.

GIFTS.

As in previous years gifts have been numerous and some important. Among the principal donors may be mentioned: The heirs of the late Horace Wheeler, Mrs. L. C. Dodge, Mr. S. C. Moore and Mrs. H. B. Stacy. Mr. William Brinsmaid has given a nearly complete set of Vermont Masonic documents, and Mr. C. J. Alger a large lot of miscellaneous and historical pamphlets.

STATISTICS OF CIRCULATION.

The table given in appendix B. shows the number of books loaned during the year and also the amount of fiction. It will be seen that while there has been a decrease in the general circulation, the loss falls almost entirely on the lighter reading. The percentage of prose fiction loaned was 66—a point never before reached by this library, and, I believe, not exceeded by any public circulating library in the country. The wise innovation made by the Trustees two years ago, in withdrawing from the shelves such books as those written by "Oliver Optic," Horatio Alger, *jr.*, and "Harry Castlemon," has without doubt contributed largely to this satisfactory result. This Library was, so far as I know, the first one to make the experiment, even at the expense of reducing the number of its patrons. The object was, not to drive young people away, but to lead them up to something better. The other side of the question is presented by the inquiry sometimes heard, "Why don't you buy us

something to take the place of the books withdrawn?" which pertinent reflection, is respectfully called to your notice.

A society of literary "Friends" has done much for the Library, not only in calling into circulation some of its best books, but also in being the parent of several other literary clubs. When such books as Kingsley's "Alexandria and her Schools," the writings of Philo, Ueberweg's "History of Philosophy" and Lloyd's "Age of Pericles" become popular, there is much encouragement in thinking that the names which have adorned literature in every age, are not on the shelves for mere ornament.

SUGGESTIONS.

The sketch I have prepared, of a plan modifying the Library room could be carried out with only a small outlay; would provide for a suitable reading-room; a separate desk for periodicals; and materially reduce labor in the delivery department—in short, would be of much value both to readers and to assistants.

Respectfully submitted,

T: P. W. ROGERS,

Librarian.

APPENDIX A.

List of some of the more important books added during the year.

Amicis. Morocco.	*642.21
Amos. Fifty Years of the English Constitution, ..	241.5
Benjamin. Art in America	823.28
Birch. Records of the Past, 11 v.	624.26
Bird. Six Months in the Sandwich Islands.	628.12
A Lady's Ride in the Rocky Mountains...	656.11
Blanqui. History of Political Economy	1054.34
Brassey. Sunshine and Storm in the East	618.22
Bushnell. Life and Letters	768.21
Cox. History of Greece, 2 v.	214.17
Dexter. History of Congregationalism, 1546-1879.	367.30
Elliott. American Interiors,	R. L.
Green. History of the English People	224.6
Farragut. Life and Letters	323.29
Holyoake. History of Co-operation	1056.8
Hood. Treatise on Warming and Ventilating....	141.11
Kalm. Travels in America, 1749	651.8
Loftie. A Ride in Egypt, 1879.....	631.18
MacKay. Lost Beauties of the English Language	1412.20
Mackenzie. The Nineteenth Century... ..	211.20
Masson. Life of Milton, Vol. 4-6.....	723.19
Metternich. Memoirs	752.26
Montalembert. Monks of the West. Vol. 6-7....	
Murray. Egyptian Guide Book,	R. L.
Nordenskiöld. Arctic Voyages. 1858-79	652.21
Petzholdt. Bibliography of Bibliography,	R. L.
Rand. Orchid Culture....	1011.15
Rémusat. Memoirs.....	756.16
Swift. Works. 24 v.....	1433.2
Winchell. Preadamites.....	157.20
Wood. Discoveries at Ephesus, (gift)	**822.24

[APPENDIX A. CONTINUED.]

Sets of the following periodicals (nearly complete) have been added :

Christian Examiner.

New Englander.

American Journal of Science.

Journal of Franklin Institute.

Journal of Social Science.

Any persons having No. 4 Journal of Social Science, or odd numbers or volumes of the Journal of Franklin Institute, or American Journal of Science, will confer a favor on the Library, by corresponding with the Librarian, if they wish to sell or exchange.

APPENDIX B.

CIRCULATION FOR 1880.

	Fiction.	Total.
January.....	2,382	3,599
February.....	2,150	3,199
March.....	2,271	3,310
April.....	1,787	2,632
May.....	1,306	2,065
June.....	1,203	1,715
July.....	1,347	1,849
August....	1,345	1,837
September.....	1,342	1,782
October.....	1,187	2,248
November.....	1,522	2,625
December.....	1,737	2,571
	19,579	29,432

Number of volumes registered on the Catalogue of Accessions, 12,785. Number of duplicates and books held in trust, 536. Number added during the year, 908. The foregoing figures include bound volumes only.

[APPENDIX B—CONTINUED.]

The following is a list of the more important periodicals to be found on the desk.

Nineteenth Century.
Quarterly Review.
American Art Review.
Portfolio.
Westminster Review.
North American Review.
Contemporary Review.
Spectator.
Notes and Queries.
Cornhill Magazine.
Edinburgh Review.
Nation.
Blackwood.
International Review.
Scribner's.
Harpers.
London Times.
Scientific American and Supplement.

APPENDIX C.

GIFTS FOR 1880.

	Bd.	Pam.	Nos.
C. J. Alger.....	3	51	
C. E. Allen.....	10	4	
Dr. H. H. Atwater.....		2	22
Hon. Bradley Barlow.....	3	1	
Hon. G. H. Bigelow.....	19		
Boston Public Library.....		2	
S. A. Bowers.....	1		
W. Brinsmaid.....		51	
Brookline, Mass., Public Library.....		1	
Chicago Public Library.....		1	
Cleveland, O., Public School Library.....		1	
Concord, Mass., Public Library.....		1	
Mrs. L. C. Dodge.....	9	20	
Hon. Geo. F. Edmunds.....	30	3	
Free Press Association.....		8	2
Grand Army of the Republic, Post Stan- nard.....		5	
M. D. Gilman, Montpelier.....		1	
Rev. J. E. Goodrich.....		2	
Samuel S. Green, Worcester, Mass.....		1	
Dr. A. P. Grinnell.....		12	
Harvard University Library.....		5	
Will Henderson.....			
S. Huntington, Wood. Discoveries at Eph- esus.....		1	
Rev. T. A. Hopkins.....		1	
A. J. Howard.....		2	
Col. Horatio C. King, New York.....		1	
Lawrence, Mass., Public Library.....		1	
Leeds, England, Public Library.....		1	
Liverpool, England, Public Library.....		1	
Lynn, Mass., Public Library.....		1	
Massachusetts State Board of Health.....		2	
Mechanics Library, New York.....		1	
Memorial Hall Library, Andover, Mass.....		1	
M. S. C. E. Miner.....		2	
G. S. Moore, Washington, D. C.....		85	
S. C. Moore.....		50	6
Hon. J. S. Morrill.....		18	6
New Bedford, Mass., Public Library.....		1	
Newton, Mass., Public Library.....		1	

[APPENDIX C.—CONTINUED.]

Bd. Pam. Nos.

Col. T. S. Peck.....	2	7	
Hon. E. J. Phelps.....		8	
Hon. Norman C. Perkins, Chicago, <i>Ill</i>		1	
Philadelphia Library Co.,.....		12	
Prof. Louis Pollens, Hanover, <i>N. H.</i>		1	
Providence Public Library.....		1	
Hon. Daniel Roberts.....		4	
W. H. Root.....	5		
St. Louis, <i>Mo.</i> , Public School Library.....		4	
W. C. Schröder.....		5	
W. Scott.....		4	
Mrs. H. B. Stacy	56	34	
C. A. Sumner.....		4	
E. B. Taft	37	71	61
Augustus Torrey.....		1	
Daniel Treadwell, Brooklyn, <i>N. Y.</i>		1	
Mrs. B. Turk.....	7		
Vermont Historical Society		2	
Vermont, State of	4		
Rev. L. G. Ware.....	103		
Horace Wheeler's Estate	131		
Woburn, <i>Mass.</i> , Public Library.....	1	3	
Rev. J. H. Worcester.....	1		
Mrs. J. H. Worcester		3	
W. J. Wright, Ph. D.		3	

REPORT

OF THE

CITY TREASURER.

To the City Council of the City of Burlington :

GENTLEMEN :—I herewith present to you the sixteenth annual report of the City Treasurer, from January 1st to December 31st, 1880, giving the receipts and expenditures, the sources from which the revenue was derived, and in what manner disbursed, showing the financial condition of the city December 31st, 1880 :

BILLS PAYABLE.

Water bonds, 6 per ct., amount issued, \$255,000	
Less redeemed and cancelled	10,100—\$244,900.00
Improvement bonds, 6 per cent., amount issued,	35,000.00
Refunding bonds, 5 per cent., “ “	140.000.00
Total bonded debt	\$419,900.00

BILLS PAYABLE—LOANS.

RECEIPTS.

From balance January 1, 1880	\$14,234.22
From notes discounted	44,000.00
	<u>\$58,234.22</u>

EXPENDITURES.

For paid notes discounted	24,000.00
For balance to account of 1881	34,234.22
	<u>\$58,234.22</u>

BILLS PAYABLE.

RECEIPTS.

From sales of 5-20 city bonds issued in aid of
Burlington and Lamoille Railroad \$160,000.00

EXPENDITURES.

For amount paid Ninth National Bank for the
redemption of 5-20 city bonds, dated April 1,
1875 126,000.00
Amount paid Burlington Savings Bank for 5-20
city bonds, dated April 1, 1875 34,000.00
\$160,000.00

BILLS RECEIVABLE.

RECEIPTS.

From School Department, acceptances 13,100.00
From balance to account of 1881 1,676.24
\$14,776.24

EXPENDITURES.

For paid School Department, acceptances \$14,776.24

BILLS RECEIVABLE.

EXPENDITURES.

For amount paid for 1,600 shares capital stock
of Burlington and Lamoille Railroad \$160,000.00

BRIDGES—WINOOSKI AND HEINEBERG.

RECEIPTS.

From town of Colchester, $\frac{1}{5}$ of repairs in 1879 21.26
" " " " " $\frac{1}{5}$ " " " 1880 76.36
" balance to account of 1881 478.88
\$576.50

EXPENDITURES.

For paid Edwards & Stevens, repairs on Winooski bridge	\$256.19
For paid A. J. Hathaway, repairs on Heineberg bridge	125.63
For paid Vermont Mutual Insurance Company on Winooski and Heineberg bridges	23.44
For paid Street Department for repairs on Winooski and Heineberg bridges	171.24
	<u>\$576.50</u>

BURLINGTON WATER WORKS—CONSTRUCTION.

RECEIPTS.

From late account, January 1, 1880	5,814.52
“ appropriation for higher service	12,000.00
“ “ “ ordinary “	1,000.00
“ transfer from Water Works, current	1,674.72
“ F. H. Parker, Supt., for pipe sold	29.80
	<u>\$20,519.04</u>

EXPENDITURES.

For amount of late account, January 1, 1880 ..	260,814.52
“ “ paid A. Torrey, Supt	167.78
“ “ “ F. H. Parker, Supt	10,488.53
	<u>\$271,470.83</u>

BURLINGTON WATER WORKS—CURRENT.

RECEIPTS.

From late account, January 1, 1880	1,674.72
“ collections of water rates for 1879	966.61
“ “ “ “ “ 1880	21,061.51
“ sales of grass on reservoir lot	20.00
	<u>\$23,722.84</u>

EXPENDITURES.

For amount transferred to Water Works, construction	\$1,674.72
For amount paid A. Torrey, Supt., on Mayor's warrants	2,477.98
For amount paid F. H. Parker, Supt., on Mayor's warrants	2,218.20
For amount paid Ninth National Bank, interest account.....	14,694.00
For amount paid G. L. Linsley, coal for office..	30.00
For balance to account of 1881	2,627.94
	<u>\$23,722.84</u>

BURLINGTON WATER METERS.

RECEIPTS.

From sales of meters	159.65
From balance to account of 1881.....	495.80
	<u>\$655.45</u>

EXPENDITURES.

For amount of late account, January 1, 1880..	408.85
“ “ paid Union Water Meter Company.	246.60
	<u>655.45</u>

CEMETERY COMMISSIONERS.

RECEIPTS.

From late account, January 1, 1880....	3.00
“ interest on Hatch fund	6.00
“ balance to account of 1881	103.67
	<u>\$112.67</u>

EXPENDITURES.

For paid H. Bowman, care of Locust Street Cemetery.....	\$6.67
For paid P. H. Catlin, Commissioner for Lake View Cemetery.....	100.00
For paid P. H. Catlin, Commissioner, interest on Hatch fund	6.00
	<u>112.67</u>

CITY TAX OF 1875.

RECEIPTS.

From tax collections.....	15.41
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EXPENDITURES.

For amount transferred to City Tax of 1880...	15.41
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CITY TAX OF 1876.

RECEIPTS.

From tax collections.....	5.25
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EXPENDITURES.

For amount transferred to City Tax of 1880...	5.25
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CITY TAX OF 1877.

RECEIPTS.

From tax collections.....	232.52
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EXPENDITURES.

For amount transferred to City Tax of 1880...	232.52
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CITY TAX OF 1878.

RECEIPTS.

From tax collections,	\$910.69
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EXPENDITURES.

For amount transferred to City Tax of 1880,...	\$910.69
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CITY TAX OF 1879.

RECEIPTS.

From tax collections,	\$4,144.26
“ late account, January 1, 1880,	3,645.39
	<u>\$7,789.65</u>

EXPENDITURES.

For appropriation to Criminal Department,	1,179.64
“ “ “ Fire Department,	394.82
“ “ “ Fletcher Free Library,	171.30
“ “ “ Public Buildings,	895.68
“ “ “ Street Lights,	862.71
For amount transferred to City Tax of 1880, ...	4,285.50
	<u>\$7,789.65</u>

CITY TAX OF 1880.

RECEIPTS.

From tax collections,	\$75,323.10
“ balance to account of 1881,	2,871.57
	<u>\$78,194.67</u>

EXPENDITURES.

For appropriation to Refunding Bonds, interest account,	8,000.00
For appropriation to Improvement Bonds, inter- est account,	2,100.00
For appropriation to Pauper Department,	5,500.00
“ “ “ Fletcher Free Library, ...	2,300.00
“ “ “ Criminal Department,	3,700.00
“ “ “ Fire Department,	3,000.00
“ “ “ Parks, City, Battery and College,	400.00

For appropriation to Public Buildings,	\$1,200.00
“ “ “ Street Light Department,	3,500.00
“ “ “ Sewer Department,	1,000.00
“ “ “ Sidewalks and Street Improvements,	6,832.02
“ “ “ Fire Alarm Telegraph,	2,000.00
“ “ “ Water Works, construction	1,000.00
“ “ “ School Department,	17,080.05
“ “ “ Higher Service, construction,	12,000.00
“ “ “ Incidental Department,	6,000.00
“ “ “ Interest Account,	2,015.48
“ “ “ Health Department,	567.12
	<hr/>
	\$78,194.67

CRIMINAL DEPARTMENT.

RECEIPTS.

From appropriation of City Tax, 1880,	\$3,700.00
“ “ “ “ “ 1879,	1,179.64
From S. Haselton, Judge, City Court fines and costs,	493.09
From J. W. Russell, Justice, fines and costs,	46.01
“ L. A. Drew, Sheriff, for mittimuses, 1880,	135.14
“ “ “ “ “ 1878,	11.16
“ L. C. Bliss, Policeman, mittimuses,	15.23
“ L. J. Smith, Constable, mittimuses,	19.19
“ F. Wight, Policeman, mittimuses,	9.97
“ H. S. White, Constable, mittimuses,	2.00
“ A. J. Howard, County Clerk, on appeal,	21.22
“ Balance to account of 1881,	386.83
	<hr/>
	\$6,019.48

EXPENDITURES.

For balance, January 1, 1880,	\$1,179.64
“ paid S. Haselton, Judge, City Court costs, ..	664.63
“ “ J. W. Russell, Justice, costs,	79.53
“ “ L. A. Drew, Chief of Police, services.	3,432.10
“ “ L. A. Drew, Sheriff, boarding prisoners in 1879,	217.04
“ “ L. A. Drew, Sheriff, boarding prisoners in 1880,	178.72
“ “ Vermont Reform School, board bill, ..	127.57
“ “ Burlington Gas Light Co.,	44.25
“ “ “ Water Works,	10.00
“ “ G. L. Linsley, coal,	60.00
“ “ Mark Thompson, printing for police, ..	9.75
“ “ Nash & Wardlow, hose, &c.,	5.90
“ “ A. J. Howard, costs, County and Su- preme Court,	10.35
	<hr/> \$6,019.48

DOG DEPARTMENT.

RECEIPTS.

From W. H. Root, City Clerk, for licenses,	202.50
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EXPENDITURES.

For paid John O. Northrop, sheep killed, ...	2.50
For transfer to Incidental Department,	200.00
	<hr/> \$202.50

FIRE ALARM TELEGRAPH.

RECEIPTS.

From appropriation for 1880,	2,000
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EXPENDITURES.

For amount paid Moses G. Crane & Co., for Fire Alarm,	2,000
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FIRE DEPARTMENT.

RECEIPTS.

From appropriation for current expenses,	\$3,000.00
“ “ “ balance of 1880,	394.82
	<u>\$3,394.82</u>

EXPENDITURES.

For balance, January 1, 1880,	394.82
For paid A. S. Drew, Chief Engineer, salary,	87.50
“ “ Boxer Engine Co., current expenses,	219.81
“ “ Ethan Allen Engine Co., current ex- penses,	179.22
“ “ Hook and Ladder Co., current expenses,	180.33
“ “ Howard Hose Co., “ “	80.00
“ “ Barnes Hose Co., “ “	112.34
“ “ Star Hose Co., “ “	92.76
“ “ Clipper Hose Co., “ “	36.59
“ “ Lumber and making fence for How- ard Hose Co.,	22.34
“ “ lumber and repairs Star Hose Co.,	24.78
“ “ Walker & Hatch, repairs Clipper Hose Co.,	16.00
“ “ F. W. Burritt, hall rent, E. A. E. Co.,	135.00
“ “ E. Woods, hall rent, Star Hose Co.,	100.00
“ “ St. Albans Band, annual parade,	95.40
“ “ G. L. Linsley, coal bill,	36.00
“ “ O. C. Stacy and H. C. Smith, livery bills,	19.00
“ “ Darrow & Turner, play pipe,	13.45
“ “ L. C. Grant, rubber coats,	51.20
“ “ U. Case, numbering coats,	1.50
“ “ Ludlow Valve Co.,	7.50
“ “ K. B. Walker, laying flagging,	6.50

For paid Brink & Co., chimney cap, E. A. E. Co,	\$4.50
“ “ G. F. Merse and J. F. Dowsing, ringing alarms,	54.00
“ “ B. S. Nichols & Co., waste,	9.40
“ “ Boston Decorating Co.,	5.00
“ “ Nash & Wardlow, repairs Boxer and Howard Hose Co.,	33.68
For paid Nash & Wardlow, stove, &c., Barnes Hose Co.,	37.17
For paid Free Press Association, printing, Boxer Co.,	20.75
For paid G. M. Lord, printing,	2.75
“ “ Burlington Water Works,	1,200.00
Balance to account of 1881,	115.53
	<hr/> \$3,394.82

FLETCHER FREE LIBRARY.

RECEIPTS.

From appropriation for 1880,	\$2,300.00
“ “ for balance, January 1, 1880,	171.30
“ T. P. W. Rogers, Librarian,	6.50
“ balance to account of 1881,	4.86
	<hr/> \$2,482.66

EXPENDITURES.

For balance, January 1, 1880,	171.30
“ paid T. P. W. Rogers, Librarian, salary, ..	990.95
“ “ Lizzie R. Moore, assistant, “ ..	420.00
“ “ Howard, Stone and others, assistants, ..	156.00
“ “ Insurance on books,	23.00
“ “ Free Press Association, printing, ...	75.00
“ “ M. Thompson, “	59.75

For paid W. Scott, binding, &c.,	\$247.60
“ “ G. L. Linsley, coal,	24.00
“ “ Burlington Gas Light Co.,	59.00
“ “ Burlington Water Works,	10.00
“ “ Incidental expenses,	246.06
	<hr/> \$2,482.66

GREEN MOUNT CEMETERY ASSOCIATION.

EXPENDITURES.

For balance, January 1, 1880	225.85
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HEALTH DEPARTMENT.

RECEIPTS.

From Chas. Lowe, penalty for dumping garbage,	5.00
“ appropriation for 1880,	567.12
	<hr/> \$572.12

EXPENDITURES.

For paid H. H. Atwater, Health Officer, salary,	512.87
“ “ Free Press Association, for printing,	31.75
“ “ Mark Thompson, for printing,	3.75
“ “ L. J. Smith, Constable, serving notices,	8.75
“ “ Burlington Water Works, flushing sewers,	15.00
	<hr/> \$572.12

IMPROVEMENT OF STREETS AND SEWERS.

EXPENDITURES.

For balance, January 1, 1880,	\$35,000.00
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INCIDENTAL DEPARTMENT.

RECEIPTS.

From E. Henry Powell, Auditor, error in State taxes,	\$69.55
From amount transferred to Health Department, warrant 9,	80.50
From amount transferred to Health Department, warrant 21,	3.00
From amount from Liquor Agency, profit and loss,	483.10
From amount from License Department,	344.00
“ “ “ Dog Department,	200.00
“ “ transferred to City Hall for gas, ..	51.75
“ “ “ Health Dept.,	8.75
“ “ “ Pauper Dept.,	1,884.56
“ “ appropriation,	6,000
	<u>\$9,125.21</u>

EXPENDITURES.

For amount paid M. R. Tyler, City Attorney to April 24, 1881,	484.50
For amount paid D. Roberts, City Attorney, ..	219.78
For amount paid L. L. Lawrence, Attorney fees Reynolds vs. City,	260.00
For amount paid H. Ballard, Attorney fees McGreavy vs. City,	275.00
For amount paid witness fees McGreavy vs. City, ..	73.05
For amount paid M. R. Tyler, Attorney fees Reynolds vs. City,	75.00
For amount paid M. R. Tyler, Attorney, to settle with Carter,	125.00

INCIDENTAL DEPARTMENT.

[DISBURSEMENTS—CONTINUED.]

For amount paid Free Press Association, printing annual reports,.....	\$383.45
For amount paid Free Press Association, printing and advertising,.....	187.16
For amount paid Free Press Association, printing for constable... ..	7.75
For amount paid M. Thompson, printing, ...	88.75
“ “ “ R. S. Styles, printing,.....	121.95
For amount paid Burlington Clipper, advertising,.....	21.70
For amount paid Francis, Lowry and Drew, Auditors,.....	49.00
For amount paid W. Scott, binding and ruling,	206.87
For amount paid Allen, Weller and Witherell, Assessors,	413.00
For amount paid Burlington District Telephone, clerk and police,	67.00
For amount paid D. C. Barber & Co., rent for elections,.....	30.00
For amount paid W. H. Root, Clerk, registration records, copies, office expenses, Janitor, &c., to January 1, 1881,.....	192.73
For amount paid W. H. Root, Clerk, rate bill and office expenses,	112.55
For amount paid W. H. Root, Clerk, registration returns to Secretary of State, for 1879 and P. O. bill,.....	78.50
For amount paid W. H. Root, Clerk, incidental bill for Tibbitts,....	2.20
For amount paid E. N. Peck, Quartermaster, Decoration Day,.....	100.00

INCIDENTAL DEPARTMENT.

[DISBURSEMENTS—CONTINUED.]

For amount paid G. L. Reynolds, for judgment vs. City at September term of Chittenden County Court,	\$1,937.78
For amount paid witness fees Reynolds vs. City,	37.62
For amount paid Burlington Water Works for 10 watering troughs,	250.00
For amount paid G. I. Hagar, shears for Clerk,	1.50
For amount paid J. B. Hollenbeck for furniture in office,	21.00
For amount paid Jo D. Hatch and others, for amount received of State Auditor, errors in Grand List of 1879,	69.55
For amount paid W. E. Tibbitts, serving notice on Aldermen,	1.00
For amount paid S. Huntington & Co., stationery,	48.98
For amount paid H. J. Nelson, framing map,	15.90
For amount paid H. H. Davis, envelopes for Treasurer,	5.50
For amount paid Chas. E. Allen, for recount of census,	15.93
For amount paid Hathaway and Gilmond, fitting voting room in Ward 3,	14.04
For amount paid A. G. Strong, one rubber mat,	2.60
“ “ “ F. K. Converse, for ice,	11.00
For amount paid L. J. Smith, serving citations for Street Department,	18.92
For amount paid by City Treasurer, services of Ward clerks,	31.50

10

INCIDENTAL DEPARTMENT.

DISBURSEMENTS—CONTINUED.

For amount paid by City Treasurer, services of Ward clerks,	\$15.00
For amount paid City Treasurer, office expenses, postage, &c.,	52.29
For amount paid Free Press Association, print- ing and advertising.....	14.25
For amount paid W. Scott, preparing voting lists,	3.25
For amount paid L. J. Smith, Constable, re- ceived of State Auditor in 1879, for error in State taxes,	126.69
For amount paid Jo D. Hatch, Mayor,—salary,	300.00
“ “ “ W. H. Root, Clerk,.... “	800.00
“ “ “ G. D. Weller, Treasurer, “	1,000.00
“ “ “ W. E. Weller, clerical services,	350.00
For amount paid Burlington Gas Light Co., (transferred to City Hall),	51.75
For amount paid Health Officer, (transferred to Health Department,)	92.25
	<hr/> \$8,863.24
For amount to account of 1881,	261.97
	<hr/> \$9,125.21

INTEREST ACCOUNT—WATER BONDS.

RECEIPTS.

From Collections of Water Rates,	\$14,694.00
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EXPENDITURES.

For paid Ninth National Bank, interest,	\$14,694.00
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 INTEREST ACCOUNT—IMPROVEMENT BONDS.

RECEIPTS.

From appropriation for 1880,	\$2,100.00
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EXPENDITURES.

For paid Ninth National Bank, interest,	\$2,100.00
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INTEREST ACCOUNT—AID BONDS B. & L. R. R.

RECEIPTS.

From balance, January 1, 1880,	\$4,800.00
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EXPENDITURES.

For paid Ninth National Bank, interest.	\$4,800.00
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INTEREST ACCOUNT—REFUNDING BONDS.

RECEIPTS.

From appropriation for 1880,	\$8,000.00
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EXPENDITURES.

For paid Ninth National Bank, interest,	\$4,000.00
“ balance to account of 1881,	4,000.00
	<hr/>
	\$8,000.00

INTEREST ACCOUNT.

RECEIPTS.

From collections of interest,	\$ 41.33
“ appropriation for 1880,	2,015.48
	<hr/>
	\$2,056.81

EXPENDITURES.

For paid School Fund, interest U. S. D. Fund,	\$1,747.39
“ “ South Burlington, interest on U. S. D.	
Fund,	23.27
For paid interest on Bills Payable,	286.15
	<hr/>
	\$2,056.81

LAND DAMAGE AND ASSESSMENTS.

RECEIPTS.

From balance January 1, 1880,	\$125.95
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LICENSE DEPARTMENT.

RECEIPTS.

From hotel licenses,	33.75
“ saloon “	131.25
“ billiard tables, licenses,	37.50
“ carriage “	45.00
“ auctioneers and transient venders,	46.50
“ London circus,	50.00
	\$344.00

EXPENDITURES.

For amount transferred to Incidental Department,	\$344.00
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LIQUOR AGENCY—J. MITCHELL, Agent.

RECEIPTS.

From J. Mitchell, Agent, sales of liquors,	3,271.00
“ Liquors on hand, per invoice,	355.63
	\$3,626.63

EXPENDITURES.

For liquors on hand January 1, 1880;	422.29
“ paid I.D. Richards & Sons, invoices liquors,	1,679.33
“ “ Clickner & Knight, invoices liquors.. ..	240.45
“ “ Public buildings, rent,	200.00
“ “ G. L. Linsley, coal,	24.00
“ “ Griswold & Frissell, insurance,	4.50
“ “ Burlington Water Works,	10.00
“ “ Burlington Gas Light Co.,	4.68

[LIQUOR AGENCY—CONTINUED.]

For paid William Scott, for book,	\$6.75
“ “ A. G. Strong, for lock,	1.52
“ “ J. Mitchell, Agent, salary,	550.01
“ “ Incidental Dept., profit and loss,	483.10
	<hr/>
	\$3,626.63
New account, Dr. liquors on hand,	355.63

MINISTERIAL FUND.

RECEIPTS.

From collections of rents,	\$49.88
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EXPENDITURES.

For paid E. Barlow, Treas. 1st Cong. Society, ..	\$24.94
“ “ H. S. Peck, Treas. 1st Cal. Cong. Soc., ..	24.94
	<hr/>
	\$49.88

PARKS—CITY, BATTERY AND COLLEGE.

RECEIPTS.

From balance, January 1, 1880,	\$ 12.30
“ appropriation for 1880,	400.00
“ balance to account of 1881,	82.35
	<hr/>
	\$494.65

EXPENDITURES.

For paid Nash & Wardlow, repairs,	\$ 1.60
“ “ T. A. Wheelock, repairs,	2.77
“ “ John Griffin, repairs,	8.50
“ “ Burlington Gas Light Co.,	4.31
“ “ V. G. Barbour, care of College Park, ..	60.00
“ “ Burlington Water Works, 3 fountains, ..	75.00
“ “ Larose and Shortsleeve, care of parks, ..	100.00
“ “ John Griffin, repairs,	20.35
“ “ A. G. Peirce, seed and phosphate, ...	8.66

[PARKS—CONTINUED.]

For paid Street Department, cleaning, &c.,...	\$ 13.00
“ “ H. G. Chase, repairs on mower,...	5.50
“ “ G. S. Blodgett & Co., zinc and drink- ing cups	7.90
“ “ U. Case, painting fountains,.....	38.00
“ “ K. B. Walker, stone and building base, City Park,.....	19.50
For paid O. J. Walker & Bros., cement,	12.15
“ “ F. Gilmond, carpenter work,.....	33.49
“ “ G. I. Hagar, repairing mower and lawn sprinkler,.....	4.65
“ “ by O. Verran, repairing fountains and setting trees,.....	56.88
For paid by O. Verran, labor turfing and paving,	14.89
“ “ T. Amiliue, carting dirt,....	7.50
	<hr/> \$494.65

PAUPER DEPARTMENT.

RECEIPTS.

From balance January 1, 1880, ..	\$1,884.56
“ Appropriation of City Tax, 1880,.....	5,500.00
“ H. Greene, overseer, for insurance, ...	51.25
	<hr/> \$7,435.81

EXPENDITURES.

For paid H. Greene, overseer,	\$4,554.82
“ “ Insurance on buildings,.....	51.25
For transfer of balance, January 1, 1880, to In- cidental Department,.....	1,884.56
For balance to account of 1881,.....	945.18
	<hr/> \$7,435.81

PUBLIC BUILDINGS.

RECEIPTS.

From appropriation for balance Jan. 1, 1880, ..	\$895.68
“ “ for 1880,	1,200.00
“ J. J. Shea, rent of City Market,	8.34
“ Ferguson Manufacturing Co., rent of City Market,	83.34
“ L. J. Smith, Janitor City Hall, rent, . .	71.00
“ W. H. Root, “ “ “ “	45.00
“ John Griffin, store rent,	262.82
“ Adsit & Bigelow, office rent,	80.00
“ Liquor Agency, store rent,	200.00
	<hr/>
	\$2,846.18
From balance to account of 1881,	589.30
	<hr/>
	\$3,435.48

EXPENDITURES.

For balance, January 1, 1880,	\$895.68
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CITY HALL BUILDING.

For paid Burlington Gas Light Co.,	\$172.16
“ “ L. J. Smith, Janitor, cleaning Hall, ..	8.95
“ “ A. G. Strong, hardware,	6.67
“ “ Useb Case, painting,	7.00
“ “ O. Shepard, painting in Hall,	125.23
“ “ A. G. Lucas, glazing,	9.05
“ “ F. Gilmond, repairs,	2.16
“ “ A. P. Lowell, repairs, 1879 and 1880, .	40.81
“ “ A. P. Lowell, repairs in Court Room, .	156.50
“ “ W. H. Root, Janitor and cash items, .	19.49
“ “ John Griffin, plumbing and repairs, ...	87.51

For paid Nye & Lavelle, soap and soda,	\$ 1.16
“ “ G. L. Linsley, coal bill,	156.00
“ “ T. S. Peck, insurance,	75.00
“ “ Burlington Water Works, 3 offices,	30.00
“ “ G. L. Linsley, for wood,	1.75
“ “ L. J. Smith and W. H. Root, Janitors,	360.00
“ “ Shepard & Morse Lumber Co. for flooring	287.06
“ “ A. P. Lowell, laying floor, &c.,	131.92
“ “ A. P. Lowell, for lumber,	128.14
“ “ U. Case, painting Hall inside,	41.26
“ “ A. G. Strong, hardware and paints, ...	41.08
“ “ J. R. Booth, for lumber,	9.51
“ “ John Griffin, stove, &c., ladies' room, ..	22.73
“ “ Johnson Brothers, for paper, &c., . .	12.34
“ “ H. J. Nelson, for mirror,	4.80
“ “ Peck Brothers, for crash,	1.59
“ “ John Griffin, repairing conductors, fur- nace, and plumbing,	117.59
“ “ J. E. Russell, repairing chimneys,	18.25
“ “ Superintendent of Streets, lock, &c., ..	5.26
“ “ Useb Case, painting roof,	25.00
“ “ Ripley & Holton, paint for roof,	39.50
“ “ Brink & Co., chimney caps,	42.00
“ “ Brink & Co., 1 iron column,	20.00
“ “ F. Gilmond, repairing steps,	7.11
“ “ O. Verran, moving seats and cartage, ..	4.00
“ “ Roby Brothers, repairs,	2.50
“ “ Useb Case, painting,	7.60
Total for City Hall,	\$3,124.36

CITY MARKET BUILDING.

For paid Vermont Mutual Insurance Co.,.....	\$22.50
“ “ F. Gilmond, repairs,.....	5.08
“ “ Supt. of Streets, for repairs,	40.29
“ “ J. E. Russell, repair chimneys,.....	6.38
“ “ Roby Brothers, repair scales,.....	13.77
Total for City Market,.....	<u>\$88.02</u>

LIBRARY BUILDING.

For paid Nash & Wardlow, repairs,	8.81
“ “ Vermont Mutual Insurance Co.,.....	4.00
“ “ Roby Brothers, new floor in Boxer room,	84.88
“ “ Roby Brothers, repairs in office for School Dept.,.....	11.34
“ “ Johnson Brothers, paper for School Dept.,.....	6.30
“ “ U. Case, painting for School Dept.,...	17.29
“ “ John Griffin, repairing roof and con- ductors,	32.36
“ “ Nash & Wardlow, repairs,	3.56
“ “ U. Case, painting conductors, &c.,...	3.72
“ “ Nash & Wardlow, repairs in Boxer room,	48.84
Total for Library building,.....	<u>\$221.10</u>

BARNES HOSE HOUSE.

For paid J. J. Shea,.....	2.00
	<u>\$3,435.48</u>

RECAPITULATION.

City Hall, expenditures for 1880,	\$2,228.68
City Market, " " "	88.02
Library building, expenditures for 1880,	221.10
Barnes Hose House,	2.00
Total expenditures for 1880,	<u>\$2,539.80</u>

SCHOOL DEPARTMENT.

RECEIPTS.

From balance, January 1, 1880,	\$ 174.03
" Commissioners on acceptances,	11,100.00
" Interest on United States Deposit Fund,	1,747.39
" " " City Bonds, 6s,	84.00
" Rent on lease lands,	164.61
" C. J. Alger, Supt., tuition bills,	212.00
" H. O. Wheeler, Supt., tuition bills,	400.93
" Tax Collections, for 1877,	89.43
" " " " 1880,	17,080.05
" Commissioners acceptance, 7 months, ...	1,676.24
	<u>\$32,728.68</u>

EXPENDITURES.

For paid Commissioners warrants for loans,	\$13.100.00
" " Interest on loans,	249.88
" " Commissioners warrants for pay-rolls,	15,290.87
" " " " " incidentals	4.087.88
" balance to account of 1881, .....	.05
	<u>\$32,728.68</u>

SEWER DEPARTMENT.

RECEIPTS.

From balance, January 1, 1880,	\$1,623.54
“ appropriation for 1880,	1,000.00
“ Main Street Sewer, collections,	270.90
“ Willard Street Sewer, collections,	383.95
“ Union Street Sewer, collections,	129.60
“ George Street Sewer, collections,	322.10
“ Bank Street Sewer, collections,	193.83
“ balance to account of 1881,	2,935.25
	<u>\$6,859.17</u>

EXPENDITURES.

For paid L. J. Smith, serving citations,	\$ 7.56
“ “ A. R. Dow, Supt. Streets, appropria- tions and collections,	3,916.36
“ A. R. Dow, Supt., loan,	2,935.25
	<u>\$6,859.17</u>

SIDEWALK AND STREET IMPROVEMENTS.

RECEIPTS.

From appropriation for 1880,	\$6,832.02
“ Assessment collections,	712.53
“ Balance to account of 1881,	2,193.45
	<u>\$9,738.00</u>

EXPENDITURES.

For amount paid A. R. Dow, Supt., appropria- tion,	\$6,832.02
For amount paid A. R. Dow, Supt., loan,	2,905.98
	<u>\$9,738.00</u>

SIDEWALK ASSESSMENTS.

RECEIPTS.

From H. H. Talcott, sidewalk assessment,..... \$49.92

EXPENDITURES.

For amount paid Walker Brothers, ... 49.92

SINKING FUND INVESTMENT.

RECEIPTS.

From amount of account January 1, 1880,.....	51,473.82
“ sales of \$5,500 10-40 U. S. Coupon Bonds,	5,589.73
“ “ “ \$24,000 10-40 U. S. Reg. Bonds,	24,452.99
“ Interest received on \$17,850 6 per cent.	
City Bonds,	1,071.00
“ Net proceeds of premium received on	
sales of \$100,000 10-40 5 per cent.	
Refunding Bonds,	3,779.70
“ collections on tax of 1879,	180.18
“ “ “ “ “ 1880,	988.78
	<u>\$87,536.20</u>

EXPENDITURES.

For amount of account January 1, 1880,.....	47,380.00
“ “ paid City of Burlington for 10-40 5	
per cent. Reg. Bonds, dated April	
1, 1880,	40,000.00
	<u>\$87,380.00</u>

NOTE. — Sinking Fund holds \$17,850 6 per cent. City Bonds ;
\$40,000 5 per cent. City Bonds.

STREET DEPARTMENT.

RECEIPTS.

From balance, January 1, 1880,.....	\$25.97
“ Tax Collections for 1877,.....	35.77
“ “ “ “ 1878,.....	101.19
“ “ “ “ 1879,	360.36
“ “ “ “ 1880,.....	6,591.86
“ A. R. Dow, Supt., for coal,.....	48.00
	<u>\$7,163.15</u>

EXPENDITURES.

For amount paid G. L. Linsley, for coal,.....	\$48.00
“ “ “ A. R. Dow, Supt.,... ..	5,026.18
“ balance to account of 1881,.....	2,088.97
	<u>\$7,163.15</u>

STREET LIGHT DEPARTMENT.

RECEIPTS.

From appropriation for balance of 1880,.....	\$862.71
“ appropriation for 1880,.....	3,500.00
“ balance to account of 1881,.....	105.58
	<u>\$4,468.29</u>

EXPENDITURES.

For balance, January 1, 1880,.....	\$862.71
“ paid Burlington Gas Light Co.,.....	1,777.00
“ “ Globe Gas Light Co.,.....	1,256.61
“ “ W. J. Langshore, lighting,.....	233.45
“ “ A. R. Dow, Supt. Streets, for lamp posts and repairs,.....	338.52
	<u>\$4,468.29</u>

TAX COLLECTIONS, 1875.

RECEIPTS.

From collections,	\$15.41
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EXPENDITURES.

For amount transferred to City Tax, 1875,	\$15.41
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TAX COLLECTIONS, 1876.

RECEIPTS.

From collections,	\$5.25
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EXPENDITURES.

For amount transferred to City Tax, 1876,	\$5.25
--	--------

TAX COLLECTIONS, 1877.

RECEIPTS.

From L. J. Smith, Constable, collections,	\$357.72
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EXPENDITURES.

For amount transferred to City Tax, 1877,	232.52
“ “ “ “ Street Dept., 1880, .	35.77
“ “ “ “ School Dept., 1880, .	89.43
	<u>\$357.72</u>

TAX COLLECTIONS, 1878.

RECEIPTS.

From L. J. Smith, Constable, collections,	\$1,016.79
--	------------

EXPENDITURES.

For amount paid Louis Dion, poll tax refunded,	4.91
For amount transferred to City Tax, 1878,	910.69
“ “ “ “ Street Department,	101.19
	<u>\$1,016.79</u>

TAX COLLECTIONS, 1879.

RECEIPTS.

From Collections.....	\$ 479.95
“ L. J. Smith, Constable, collections, ...	4,226.95
	<u>\$4,706.90</u>

EXPENDITURES.

For amount of Taxes refunded,.....	\$ 22.10
“ “ transferred to City Tax of 1879, ..	4,144.26
“ “ “ “ Street Dept., 1880,	360 36
“ “ “ “ Sinking Fund 1880,	180.18
	<u>\$4,706.90</u>

TAX COLLECTIONS 1880.

RECEIPTS.

From Collections,.....	\$72,385.69
“ L. J. Smith, Constable, collections,	2,793.90
“ J. A. Page, State Treas., proportion of Savings Bank Tax, (see laws of '78), ..	2,299.23
	<u>\$77,478.82</u>

EXPENDITURES.

For amount of Taxes refunded,	\$ 24.45
“ “ transferred to City Tax 1880,.....	69.873.73
“ “ “ “ Street Department,	6,591.86
“ “ “ “ Sinking Fund,	988.78
	<u>\$77,478.82</u>

BALANCE SHEET FOR THE YEAR 1880.

	Expend'tures	Receipts.	Dr. Balance.	Cr. Balance.
Bills payable, Water Bonds,.....	\$ 10,100.00	\$ 255,000.00	.....	\$ 244,900.00
Bills payable, Improvement Bonds,.....	.....	35,000.00	.....	35,000.00
Bills payable, B. & L. Rail Road Aid Bonds,.....	160,000.00	160,000.00	.....	.....
Bills payable, Refunding Bonds,.....	.....	140,000.00	.....	140,000.00
Bills payable, Temporary Loans,.....	24,000.00	58,234.22	.....	34,234.22
Bills receivable, Acceptances,.....	14,776.24	13,100.00	.....	.....
Bills receivable, Capital Stock B. & L. R. R.,.....	160,000.00	.....	1,676.24	.....
Bridges, Winooski and Heineberg,.....	576.50	97.62	160,000.00	.....
Burlington Water Works, construction,.....	271,470.83	20,519.04	478.88	.....
Burlington Water Works, current,.....	21,084.90	28,722.84	250,951.79	2,627.94
Burlington Water Meters,.....	655.45	159.65	.....	.....
Cemetery Commissioners,.....	112.67	9.00	495.80	.....
City Tax, 1875,.....	15.41	15.41	103.67	.....
City Tax, 1876,.....	5.25	5.25	.....	.....
City Tax, 1877,.....	232.52	232.52	.....	.....
City Tax, 1878,.....	910.69	910.69	.....	.....
City Tax, 1879,.....	7,789.65	7,789.65	.....	.....
City Tax, 1880,.....	78,194.67	75,323.10	2,871.57	.....
Criminal Department,.....	6,019.48	5,632.65	386.83	.....
Dog Department,.....	202.50	202.50	.....	.....
Fire Department,.....	3,279.29	3,394.82	.....	115.53
Fire Alarm Telegraph,.....	2,000.00	2,000.00	.....	.....
Fletcher Free Library,.....	2,482.66	2,477.80	4.86	.....
Green Mount Cemetery Association,.....	225.85	.....	225.85	.....
Health Department,.....	572.12	572.12	.....	.....
Improvement of Streets and Sewers,.....	35,000.00	.....	35,000.00	.....
Incidental Department,.....	8,863.24	9,125.21	.....	261.97
Interest Account, Water Bonds,.....	14,694.00	14,694.00	.....	.....

MAYOR'S ESTIMATES.

To the Honorable Board of Aldermen :

GENTLEMEN :—I herewith submit, for your consideration, a statement of the assets and liabilities of the city, together with an estimate for ordinary expenses, and the amount necessary to be raised for the current year.

ASSETS.

Balance in Treasury, January 1, 1881,	\$5,998.96
Uncollected taxes, list of 1878, available, \$ 75.00	
“ “ “ 1879, “ 1,000.00	
“ “ “ 1880, “ 4,000.00—5,075.00	
Uncollected water rates,	513.30
Due from Green Mount Cemetery,	225.85
Due on sewer and sidewalk assessments,	6,236.26
Total,	\$18,049.37

LIABILITIES.

Interest on Refunding Bonds, due	
April 1, 1881,	\$4,000.00
Amount of overdrafts in the several departments, in 1880,	9,751.74
Due Sinking Fund,	156.20
“ Water Works, construction account,	4,048.21
“ “ “ current expense “ ..	2,627.94
Total,	\$20,584.09
Liabilities over assets,	\$2,534.72

ESTIMATED RECEIPTS.

From Licences,	\$900.00
“ Rents, City Hall,	600.00
“ “ City Market,	100.00
“ Criminal Department,	500.00
“ Water Service rates,	21,500.00
Total,	<u>\$23,600.00</u>

ESTIMATED EXPENSES.

For Salaries,	\$3,000.00
“ Pauper Department,	5,500.00
“ Fletcher Free Library,	2,400.00
“ Criminal and Police Dept's, . . .	4,000.00
“ Fire Department, current,	3,000.00
“ “ “ new hose, &c.,	2,000.00
“ Care Parks,	400.00
“ Public buildings, care and re- pair of,	1,000.00
“ Street lighting,	3,500.00
“ Bridges, care and repair of, . . .	1,000.00
“ Health Department,	500.00
“ Water Works, current expenses, .	7,000.00
“ “ “ construction,	1,000.00
“ Miscellaneous and Incidental, . .	7,500.00—\$41,800.00

INTEREST ACCOUNT.

For Interest on Water bonds, 6s,...	\$14,694.00	
“ “ Improvement bonds, 6s	2,100.00	
“ “ Refunding bonds, 5s,.	8,000.00	
“ “ U. S. Deposit Fund,..	1,770.66	
“ “ Temporary loans,.....	300.00	—\$26,864.66
		<hr/>
		\$68,664.66
Add balance liabilities over assets,.....		2,534.72
		<hr/>
		\$71,199.38
Less estimated receipts, ..		23,600.00
		<hr/>
Leaving to be provided for by tax, for current		
expenses, &c.,...		\$47,599.38
		<hr/> <hr/>

*The present Grand List of the city is \$34,160.11

A tax on this List, of 145 cents, will

raise,	49,532.15
Deduct for abatements, &c.,.....	1,200.00

	<hr/>	
Will leave available,		\$48,332.15

It will be necessary to raise for the current year :

A City Tax of,.....	145 cents.
School tax of,.....	50 “
Highway tax of,	20 “
Sinking fund tax of,.....	10 “
	<hr/>
Total,.....	225 cents.

* The percentage of taxation is based upon the present Grand List. As this List will be entirely revised in April, and probably largely increased, the percentage will be proportionately decreased.

The bonded debt of the City is as follows :

Water bonds, 6s,	\$244,900.00
Improvement Bonds, 6s,	35,000.00
Refunding Bonds, 5s,	160,000.00
Total,	<u>\$439,900.00</u>
The sinking fund holds city bonds, 6s,	\$17,850.00
“ “ “ “ “ “ 5s,	40,000.00
Funds uninvested,	156.20
Total,	<u>\$58,006.20</u>
Leaving as bonded debt, Jan. 1, 1881,	\$381,893.80

Showing a reduction of \$6,562.38 during the past year.

JO D. HATCH,

Mayor.

February 8, 1881.

I N D E X.

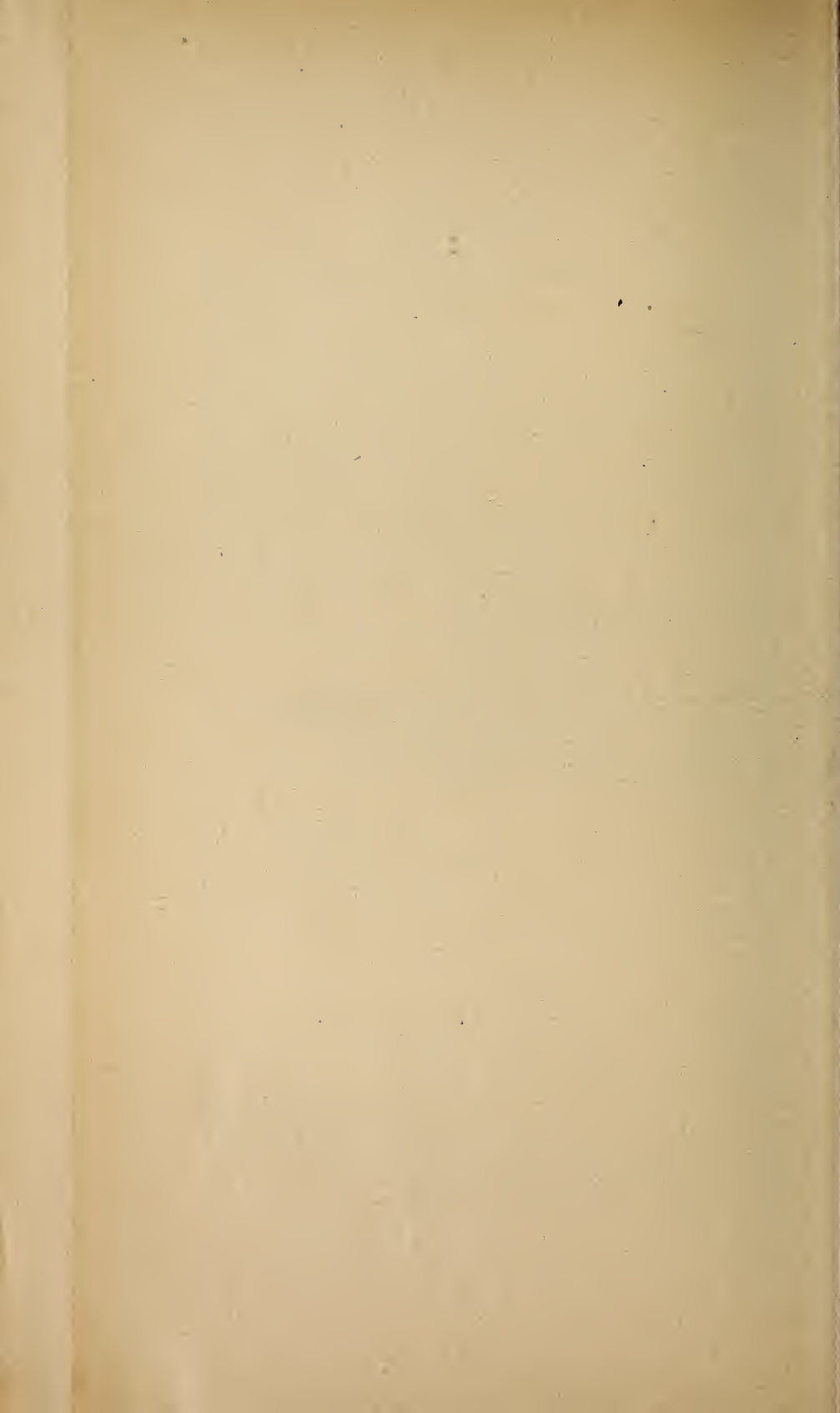
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ERRATA.

Page 24, line 21, for "Police buildings" read "Public buildings."

Page 27, for Committee on Water Department, read, Alderman Brink,
Chairman, Alderman Richardson, Alderman Morse.

Pages 145 and 157, for the heading "Fletcher Free Library," read
Report of City Treasurer.



THE FOLLOWING ACTS
OF THE
LEGISLATURE OF VERMONT,

PASSED AT ITS SESSION OF 1880,

Are printed and appended to this Report, for the benefit of
the tax-payers of the city.

No. 78—AN ACT TO EQUALIZE TAXATION.

SECTION

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| <ol style="list-style-type: none"> 1. Taxable property to be appraised first of April at one per cent. of its cash value. 2. Secretary of State to furnish certain blanks; nature of said blanks. 3. Statement of debts due and owing to be made in said blanks. 4. Oath required of tax payers: 5. Distribution of blanks, how made. 6. Distribution of blanks to non-residents or corporations, how made. 7. In case of corporations, etc., by whom the inventory shall be filled. 8. Filling of inventories by corporations, how made. 9. Duty of listers in reference to inventories made. 10. Penalty of neglect or for fraudulent statement. 11. Wilful violation of any provision of this act, bars the right of appeal. 12. Penalty for false swearing. 13. Oath to be taken by lister before en- | <ol style="list-style-type: none"> 14. tering upon the duties of his office; penalty for violation. 15. Penalty for neglect of lister to complete inventory submitted by tax payers. 16. Names of tax payers to be arranged alphabetically for inspection of tax payers. 17. All real estate to be appraised in April, 1881, at its cash value, and such appraisal substituted for the last quadrennial appraisal. 18. Section one of this act in its provisions to be observed in making all succeeding quadrennial appraisals. 19. Act to be printed on the back of inventories. 20. Acts inconsistent repealed; inventories to be furnished commissioners of unorganized towns and gores. 21. Provisions of this act not to apply to savings banks, institutions, and trust companies. 22. To take effect. |
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It is hereby enacted by the General Assembly of the State of Vermont:

Sec. 1. All taxable property shall be set in the list at one per cent. of its value in money, on the first day of April of the year in which the list is made. The lister shall appraise each item of such property at such sum as they would appraise the same in payment of a just debt due from a solvent debtor, having regard to the current value of

such property, and the sales thereof, other than auction sales, in the locality where it is situated.

Sec. 2. The Secretary of State shall annually, on or before the first day of March, furnish at the expense of the State, to the several town and city clerks blank inventories sufficient in number to meet the requirements of this act, and in the most convenient form, with suitable interrogatories, to contain, when filled, a full statement of all taxable property, real and personal, of each taxpayer in said town or city. Said blanks shall be so formulated by the Secretary of State as to require, under oath, from each person and corporation such full information as to each class and item of his taxable property, real and personal, as will enable the listers, after a personal examination of all visible property, to appraise all of such property at its true value in money. Said blank shall also contain an interrogatory for a statement of the amount of stocks, bonds or other securities claimed to be exempt from taxation under the laws of this State or the United States, owned by or held for its or their benefit.

Sec. 3. Said blank inventories shall also contain when filled, a statement of debts actually due from said taxpayers on the first day of April, to the amount of deduction claimed; and no deduction shall be made in the list of any person by reason of debts owing by him, unless such statement includes the name and place of residence of each person or firm to whom he is so indebted, and the amount so owing by him to each person or firm, nor on account of his being an endorser or surety for another: nor shall any deduction be allowed a taxpayer on account of a joint indebtedness, except to the amount which he would be obliged to pay if all the persons jointly bound were to pay equal parts of the debt. And from any deduction allowed by listers on account of debts there shall be deducted the amount of United States government bonds and other non-taxable securities owned by the taxpayer claiming such deduction, and all debts due him from solvent debtors.

Sec. 4. Said inventories shall also contain the following oath, "I, _____, of _____ do solemnly

swear (or affirm) that the above is a full, true and correct list and description of all my taxable property, both real and personal, and all property which should be set in the list to me, and that I have set down only such debts as I am unconditionally bound to pay, to the amount of the deduction claimed, that my answers to these interrogatories are correct, and that I have not conveyed or disposed of any property or estate in any manner, or created any fictitious debt for the purpose of evading the provisions of law, or affecting the value and amount of my taxable estate, so help me God."

Sec. 5. The town clerk to whom such blanks are furnished shall, with the aid of the listers, distribute at the annual meeting of their respective towns one copy to each person liable to taxation in the town, who may be present at the meeting. And if any person so liable fails to receive such blank inventory, in the manner aforesaid, he shall, if he resides in the town, apply to and receive from the town clerk or listers a copy of such blank on or before the twentieth day of March.

Sec. 6. If any person liable to taxation in any town or city, or the principal officer of any corporation situated in any town or city, resides out of said town or city, the listers or assessors shall forward to such person or to the principal officer of such corporation, if known, by mail, a copy of the blank inventory. And such person or corporation shall procure and fill out such a blank inventory, and complete the same in all respects as required by this act, and return it to said listers or assessors on or before the twentieth day of April.

Sec. 7. In case of corporations, the officer on whom it is by law required that writs shall be served, shall procure a copy of the inventory, and such corporation shall fill out such inventory by its president or other principal officer. In case of property belonging to a trustee, estates of deceased persons and guardians, and of property or estates not in the care or possession of the owners, the inventory shall be procured and filled by the person to whom the property is by law taxable.

Sec. 8. Every person and the president or other principal officer of every corporation shall on the first day of April in each year fill up said blank, and make complete and full answers to all the interrogatories contained therein, and shall take and subscribe the oath contained in the inventory, and deliver said inventory to the listers, or either of them, on demand. The listers, and all persons now by law authorized to administer oaths, are hereby qualified to administer said oath.

Sec. 9. The listers of each town shall, on the first day of April annually, proceed to take up such inventories and make such personal examination of all visible property as will enable them to appraise it at its true value in money. In the case of each inventory which, in the opinion of the listers, contains a full, true and correct statement of all the items of property for which the person or corporation filling out such inventory is taxable, they shall make an appraisal of such property according to law, and complete the list of such person or corporation.

Sec. 10. If a person or corporation wilfully omits to make, swear to, and deliver said inventory, or to answer any interrogatory therein, as by this act required, or makes a false answer or statement therein, or if the listers have sufficient reason to believe that an inventory does not contain a full, true and correct statement of the taxable property of the person or corporation filling out such inventory, according to the requirements of this act, then said listers shall ascertain, as best they can, the amount of the taxable property of such person or corporation, shall appraise the same at its value in money, and shall double the sum so obtained; and one per cent. of the amount obtained by doubling such sum shall be the list upon which the taxes of such person or corporation shall be assessed.

Sec. 11. If a tax payer whose list has been made up by the listers under the provisions of the preceding section, appeals from the action of the listers to the selectmen, said selectmen shall have no power to grant him relief, if it appears to them that he has wilfully violated any of the provisions of this act

Sec. 12. A person who wilfully swears falsely in violation of any of the provisions of this act, shall be guilty of perjury, and punished accordingly.

Sec. 13. Each lister before entering upon the duties of his office shall take and subscribe the following oath:

"I, _____, do solemnly swear (or affirm) that I will appraise all the personal and real property subject to taxation in the town of _____, so far as required by law, at its true value in money, and will set the same into the grand list of said town at one per cent. of its true value in money, and will faithfully discharge all the duties conferred upon me by law; so help me God."

And if the listers violate such oath they shall each be guilty of perjury and punished accordingly. The oath shall be filed in the town clerk's office.

Sec. 14. If a lister accepts the inventory of a person not made out and sworn to as provided in this act, or neglects or refuses to appraise and set in the list each item as described in each inventory filled up conformably to the provisions of this act, he shall, for each inventory so received, and for each such refusal or neglect, forfeit to the town or city where he resides the sum of two hundred dollars; and any taxpayer in such town, in the name of the town, may sue, and recover such penalty for the benefit of such town.

Sec. 15. The listers of each town shall arrange in alphabetical order the personal lists of all taxpayers, and lodge the same in the town clerk's office on or before the 25th day of April of each year, for the inspection of the taxpayers of such town.

Sec. 16. All real estate shall be appraised and set in the lists in 1881, by the listers at its true value in money on the first day of April in that year, and such appraisal shall be made in connection with the annual list and completed and filed at the same time as required by law for annual lists. No equalization of such appraisal by any equalizing board shall be required, and it shall be substituted for the last quadrennial appraisal, and continue in force in lieu thereof until the next quadrennial appraisal is made.

Sec. 17. In making the next and all succeeding quadrennial appraisals, listers shall conform strictly to the requirements of section one of this act.

Sec. 18. The secretary of state shall cause to be printed upon the back of the blank inventories, this act, and such other portions of the law relating to the making up of the grand list, as he may select.

Sec. 19. All acts, and parts of acts, inconsistent with this act, are hereby repealed. The secretary of state at the time of furnishing blank inventories to listers in towns, shall also furnish them in sufficient number to the tax commissioners, for unorganized towns and gores; and such commissioners in taking the list shall be governed by all the provisions of this act relating to listers in towns; and persons liable to pay taxes in such unorganized towns or gores shall be subject to the same duties and liabilities as are in this act provided in case of taxpayers in towns.

Sec. 20. The provisions of this act shall in no way be construed to apply to the taxation of deposits of savings banks, savings institutions, and trust companies, otherwise taxed.

Sec. 21. This act shall take effect from its passage.

Approved December 22, 1880.

NO. 207.—AN ACT IN FURTHER AMENDMENT OF THE SEVERAL ACTS RELATING TO THE CITY OF BURLINGTON.

It is hereby enacted by the General Assembly of the State of Vermont:

Sec. 1. So much of section three of an act entitled "An act in amendment of and in addition to an act approved November 26, 1872, entitled 'An act in amendment of an act to incorporate the city of Burlington' approved November 22, 1864, and of the several amendments thereof heretofore enacted," approved November 24, 1874, as commences the paragraph, with the words, "Whenever a petition in writing," and closes the same paragraph with the words,

“Until the same shall be paid,” is hereby amended so as to read as follows :

“Whenever the owners of the quarter [greater] part of the lands or buildings abutting upon any street, lane or alley, or part thereof, in said city shall present their petition in writing to the board of aldermen praying that such street, lane, or alley, or part thereof, as specified, be graded, paved or macadamized, curbed and guttered, and that a sidewalk or the sidewalks thereof be constructed, or repaired and flagged, or that either one or more of such improvements be made, the city council may order and direct the street commissioners to cause such improvements to be made. The street commissioners, subject to the orders and ordinances of the city council, shall have power, without such petition, to make the improvements above specified, either one or more of them, and to assess against the owners of the lands or buildings abutting on such street, lane or alley, and adjoining the part where such improvements shall be made, whether made upon petition or otherwise, so much of the cost and expense of making such improvements as they shall judge such lands or buildings to be benefitted thereby; which assessments shall be made upon giving to the parties interested twelve days notice of the time and place of hearing in the manner provided in section ninety-three of chapter twenty-four of the General Statutes. The street commissioners shall make up a statement of all such assessments, describing the lands or buildings assessed, and forthwith cause the same to be recorded in the city clerk’s office, and when so recorded such assessments shall be and remain a lien, in the nature of a tax, upon the lands or buildings so assessed, until the same shall be paid.

Sec. 2. This act shall take effect from its passage.

Approved December 22. 1880.

No. 208.—AN ACT RELATING TO THE JURISDICTION OF THE CITY COURT IN THE CITY OF BURLINGTON.

SECTION

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| 1. City court to have jurisdiction in certain suits against the city of Burlington. | SECTION
2. No judge of city court disqualified from acting in said suits.
3. To take effect. |
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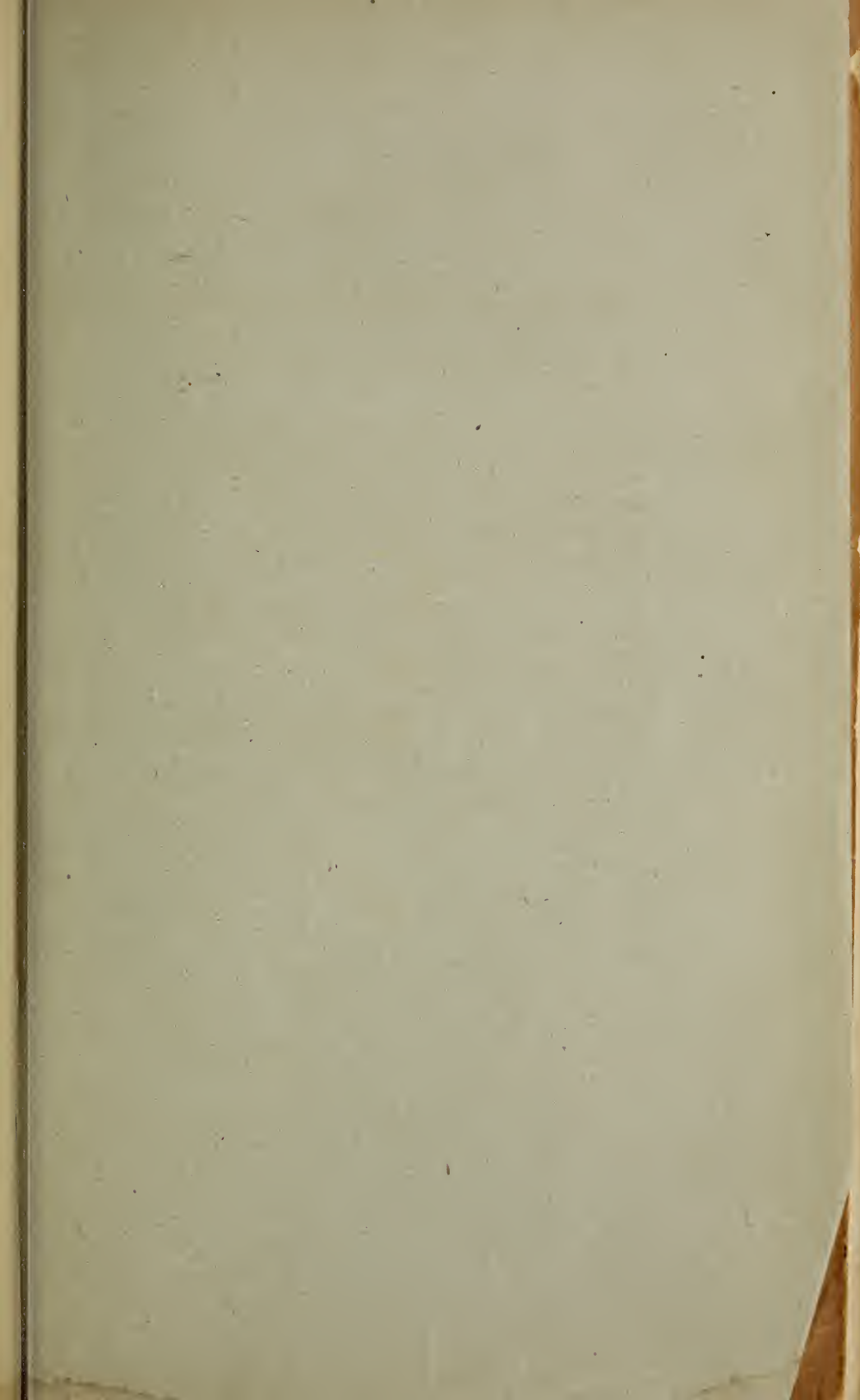
It is hereby enacted by the General Assembly of the State of Vermont :

Sec. 1. The city court of the city of Burlington shall have jurisdiction of all cases brought against said city to recover moneys paid said city, under protest, for taxes or assessments upon real estate in said city, but either party may take an appeal from the judgment of said court to the county court, and said cases may pass to the supreme court in the usual manner.

Sec. 2. No judge of said court shall be disqualified from hearing and deciding any cause in said court in which the city may be a party, as defendant in cases mentioned in the preceding section and cases in which the city may be summoned as trustee, notwithstanding the fact that he is a taxpayer or liable to taxation in said city.

Sec. 3. This act shall take effect from its passage.

Approved October 28, 1880.



CITY ELECTION.

WARNING:

The Legal Voters in City meeting, of the City of Burlington, Vermont, are hereby notified and warned to meet on

Tuesday, the First day of March, 1881,

At ten o'clock in the forenoon, in their respective Wards, at the several voting places hereinafter named, for the purpose of electing a Mayor, a City Judge, a County Commissioner; and for the purpose of electing in Ward One, 1 Alderman, and Ward Officers; and in Ward Two, 1 Alderman, 1 School Commissioner, and Ward Officers; and in Ward Three, 1 Alderman, and Ward Officers; and in Ward Four, 1 Alderman, 1 School Commissioner, and Ward Officers; and in Ward Five, 1 Alderman, 1 School Commissioner, and Ward Officers.

All of whom to hold office for the term of one year except Alderman and School Commissioners, who are to be elected for terms of two years each.

The following are designated as voting places, viz:

IN WARD ONE, at the School house, near the Mary Fletcher Hospital, on the south side of Colchester Avenue.

IN WARD TWO, at the house of Star Hose Company, No. 2, on North Street, near Winooski Avenue.

IN WARD THREE, at the house of Barnes Hose Company, No. 7, on Champlain Street, east side,

IN WARD FOUR, at the City Court Room, in the City Hall Building.

IN WARD FIVE, at the room in the basement of "Van Ness House," St. Paul Street side.

The polls open at 10 o'clock in the forenoon, and close at 4 o'clock in the afternoon.

JO D. HATCH, MAYOR.

BURLINGTON, VT., February 12th, 1881.

SEVENTEENTH

ANNUAL REPORT

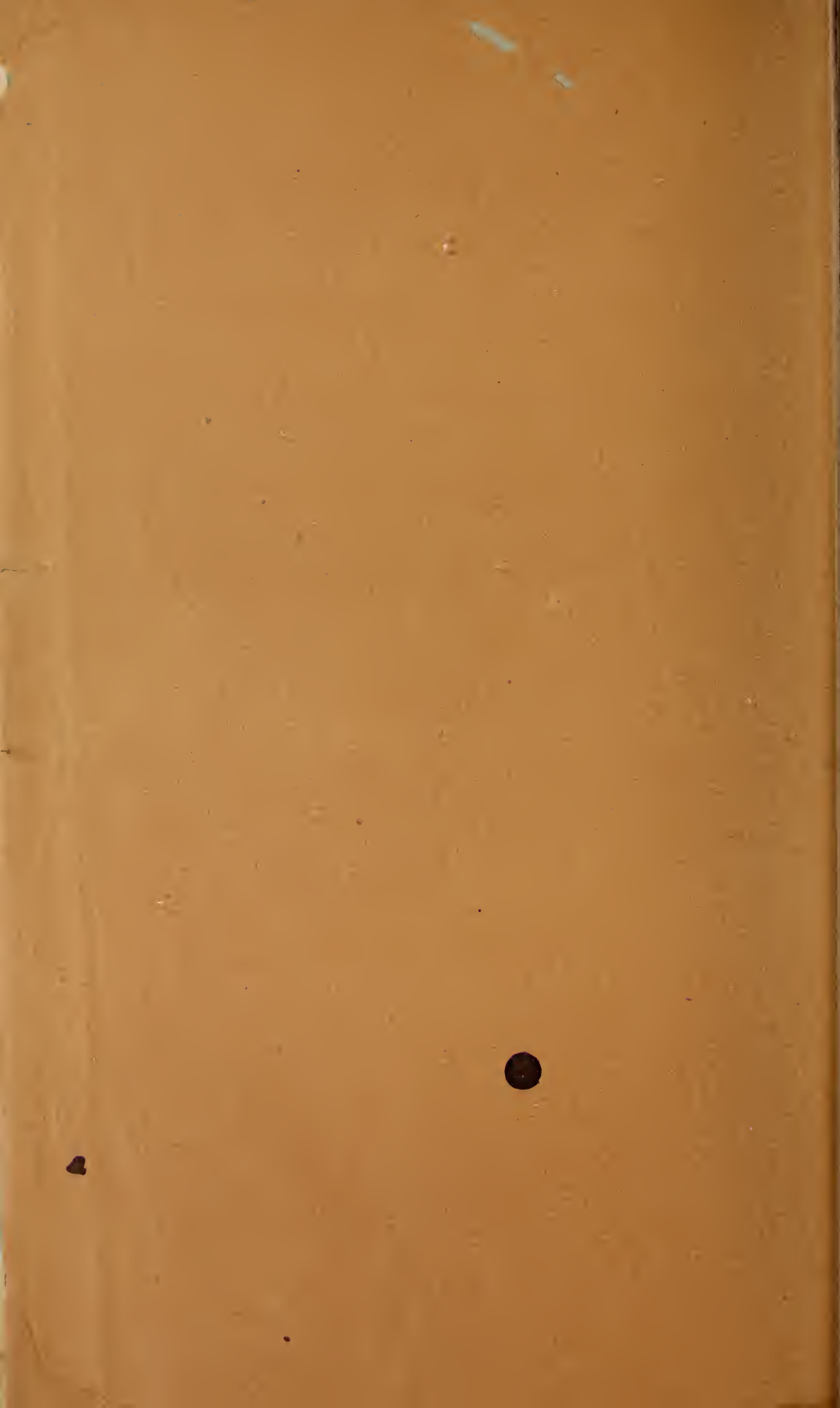
OF THE

CITY OF BURLINGTON

VERMONT

FOR THE YEAR ENDING DECEMBER 31, 1881.

BURLINGTON, VT.
THE FREE PRESS ASSOCIATION,
1882



SEVENTEENTH
ANNUAL REPORT
OF THE
CITY OF BURLINGTON
VERMONT

FOR
THE YEAR ENDING DECEMBER 31, 1881.



BURLINGTON:
FREE PRESS ASSOCIATION.
1882.

RESOLUTION.

Resolution relating to the publication of the Seventeenth Annual City Report, introduced by Alderman Allen, in the Board of Aldermen, at a meeting held on the 4th of January, 1882, and adopted in the words following :

CITY OF BURLINGTON,)

In the year one thousand eight hundred and eighty-two.)

Resolved, By the City Council of Burlington, as follows :

The City Clerk is hereby directed to prepare for publication the Annual Reports of the City Officers, with such other matter as is usually published in the Annual City Reports, for the year ending December 31, 1881, and by and with the advice and direction of the Committee on Printing and Publication, to procure printed 1,200 copies thereof for distribution among the tax-payers of the City, and for municipal exchanges.

Approved January 7, 1882.

JO D. HATCH, Mayor.

CITY GOVERNMENT.

MAYOR,

JO D. HATCH,

Office in Vermont Life Insurance Building.

Residence, 52 Williams Street.

ALDERMEN.

Wards.		Term Expires.
I.	CHARLES E. ALLEN, H. EUGENE SIBLEY,	1882 1883
II.	URBAN A. WOODBURY, GEORGE C. BRIGGS,	1882 1883
III.	C. J. ALGER, H. N. DRURY,	1882 1883
IV.	W. H. BRINK, GEORGE H. MORSE,	1882 1883
V.	A. E. RICHARDSON, ARCHIBALD TAYLOR,	1882 1883

President of the Board of Aldermen,

URBAN A. WOODBURY.

Office, near Pioneer Shops, Lake Street.

Regular meeting of the Board, first Monday in each month, at
Nos. 1 and 2 City Hall Building.

Standing Committees of the Board of Aldermen.

ON WATER DEPARTMENT :

BRINK, RICHARDSON, MORSE.

ON FIRE DEPARTMENT :

MORSE, BRINK, SIBLEY.

ON STREET DEPARTMENT :

TAYLOR, RICHARDSON, ALGER.

ON ACCOUNTS AND CLAIMS :

ALLEN, MORSE, DRURY.

ON PAUPER DEPARTMENT :

SIBLEY, BRIGGS, BRINK.

ON PUBLIC BUILDINGS AND PARKS :

DRURY, TAYLOR, BRIGGS.

ON PRINTING AND PUBLICATION :

RICHARDSON, ALLEN, SIBLEY.

ON SCHOOL AND LIBRARY AFFAIRS :

BRIGGS, ALLEN, TAYLOR.

COMMITTEE ON HEALTH :

BRIGGS, ALLEN, ALGER.

ON LIQUOR AGENCY :

The MAYOR, WOODBURY, DRURY.

CITY CLERK,

And *ex-officio* Clerk of the Board of Aldermen, and of
the City Council, and of the Board
for Abatement of Taxes,

WM. H. ROOT.

Office, No. 2, City Hall Building.
Residence, 500 South Willard Street.

CITY TREASURER,

GREENE D. WELLER.

Office, No. 4, City Hall Building.

CITY ATTORNEY,

HENRY BALLARD.

Office, "Times Building," opposite City Hall.

CONSTABLE.

And Collector of State and County Taxes,

LOOMIS J. SMITH.

Office in City Hall Building, basement.

HEALTH OFFICER,

H. H. ATWATER, M. D.

Office, 44 Pine Street.

CITY ENGINEER AND SURVEYOR,

A. R. DOW.

Office No. 6, City Hall Building.
Residence, 144 North Union Street.

CITY GRAND JUROR,**WM. H. HARE.**

Office in Bank Block, north side of College Street.

CITY JUDGE,**SENECA HASELTON.**

Office, Court House.

CLERK CITY COURT,**L. F. ENGLLESBY.**

Office, No. 8, City Hall Building.

FENCE VIEWERS,**WM. ZOTTMAN, FRANK FREEMAN.****SEALER OF WEIGHTS AND MEASURES,****The CITY TREASURER.**

Office, Nos. 4 and 5, City Hall Building.

JANITOR OF CITY HALL,**WM. H. ROOT.**

Office, No. 2, City Hall Building.

STREET COMMISSIONERS,**ARCHIBALD TAYLOR,****A. E. RICHARDSON,****C. J. ALGER.**

SUPERINTENDENT OF STREETS.

A. R. DOW.

Office, No. 6, City Hall Building.

SUPERINTENDENT OF WATER WORKS.

FRANK H. PARKER.

Office in Fletcher Library Building.

POUNDKEEPER,

WILLIAM E. TIBBITTS.

At City Hall.

OVERSEER OF THE POOR,

HENRY GREENE.

Office, near head Church Street.

CITY LIQUOR AGENT,

Agency in City Hall Building.

AUDITORS,

SAMUEL A. DREW, ABNER B. LOWRY, M. H. STONE.

TRUSTEE OF U. S. DEPOSIT FUND,

GREENE D. WELLER.

City Treasurer's Office.

CEMETERY COMMISSIONERS,**PHINEAS H. CATLIN.**

No. 28 Shelburn Street. Term expires 1882.

NATHANIEL PARKER.

No. 95 Main Street. Term expires 1883.

MORILLO NOYES.

No. 150 Bank Street. Term expires 1884.

ASSESSORS,**B. S. NICHOLS, HENRY GREENE, S. M. POPE.**

Office, No. 7 City Hall Building.

CHIEF OF POLICE**LUMAN A. DREW.**

Police Station, South side City Hall Building.

FIRE DEPARTMENT.

CHIEF ENGINEER,

ALBERT S. DREW.

First Ass't. **ALEX. CROSBY.**

Second " **LOWELL C. GRANT.**

Third " **JEROME B. SMITH.**

Fourth " **DAVID WALKER.**

FIRE WARDENS.

Ward 1 **WM. J. EDGCUMB.**

" 2 **ALVARO ADSIT.**

" 3 **J. W. MADIGAN.**

" 4 **E. F. HENDERSON.**

" 5 **FRANK K. CONVERSE.**

NOTE.—The term of office of the Mayor and Aldermen commences the 1st Monday of April, and Assessors the first day of April. One Cemetery Commissioner is elected each year for a term of three years, from April 25th. All others of the foregoing named officers hold office one year from April 25th, 1881.

SCHOOL DEPARTMENT.

BOARD OF SCHOOL COMMISSIONERS.

Wards.		Term Expires.
1	ELIHU B. TAFT,	1882
2	LOREN B. LORD,	1883
3	HEMAN R. WING,	1882
4	G. B. SAFFORD,	1883
5	JULIUS W. RUSSELL.	1883

CLERK OF BOARD,

JULIUS W. RUSSELL.

Regular meetings, first Friday of each month, at 7:30 p. m.,
at the office of Superintendent of Schools.

SUPERINTENDENT OF SCHOOLS,

HENRY O. WHEELER.

Office in Fletcher Library Building, Church Street.

FLETCHER FREE LIBRARY.

TRUSTEES,

The MAYOR, *ex-officio*,

MATTHEW H. BUCKHAM,

LOAMMI G. WARE,

EDWARD J. PHELPS,

SAMUEL HUNTINGTON.

LIBRARIAN,

T. P. W. ROGERS.

Miss LIZZIE E. MOORE, Assistant.

WARD OFFICERS.

WARD ONE.

CLERK,

A. P. LOWELL.

INSPECTORS OF ELECTIONS,

GEO. G. WOODWARD, ORVIS S. STORRS,
HENRY T. SINCLEAR.

WARD TWO

CLERK,

E. S. ADSIT.

INSPECTORS OF ELECTIONS,

HENRY GREENE. JOHN ROBY
JOEL H. HOLTON.

WARD THREE.

CLERK,

WM. GROGAN.

INSPECTORS OF ELECTIONS,

THOS. COOK, PATRICK RITCHIE.
I. J. FLANAGAN.

WARD FOUR.

CLERK,

L. F. ENGLSBY.

INSPECTORS OF ELECTIONS,

F. JOHONNOTT, E. STANLEY HALL.
E. P. SHAW.

WARD FIVE.

CLERK,

LOWELL C. GRANT.

INSPECTORS OF ELECTIONS,

FRANK W. SMITH, GEO. C. MAYO.

GEO. W. BECKWITH.

PARTY ORGANIZATIONS.**CITY COMMITTEE.**

Republican.

A. P. LOWELL,
J. E. PAINCHAUD,
H. E. WOODBURY,
GEO. E. JOHNSON,
W. H. LANE, JR.,

Democratic.

H. T. SINCLEAR,
WM. J. LANGSHORE,
J. W. WARDLOW,
W. H. BRINK,
CHAS. F. KNIGHT.

WARD COMMITTEES.

GEO. W. KILLAM,	}	WARD 1.	{	H. McCARTY, JR.,
DAVID WALKER,				THOS. CROWLEY,
ROLLIN PEASE.				JOHN L. MCGOWAN.
N. R. SPAULDING,	}	WARD 2.	{	GILSON STOCKWELL,
ALPHONSE ROUSSEAU,				HENRY ARNOLD.
FRED S. PEASE.				
C. HILDRETH,	}	WARD 3.	{	CHAS. COTY,
USEB CAISE,				WM. FITZGERALD,
JAMES MCCUEN.				JOHN CORRINGTON.
A. S. DREW.	}	WARD 4.	{	JOHN W. KELLY,
N. K. BROWN,				JOHN B. FORANT,
W. H. HARE.				VAN A. NYE.
C. W. BROWNELL, JR.,	}	WARD 5.	{	E. M. SUTTON,
GEO. A. POPE,				JOHN J. SHEA,
H. K. WEAVER.				WM. DENNING.

City Election annually on the first Tuesday in March.

RULES
OF THE
BOARD OF ALDERMEN.

RULE I. The President of the Board shall be elected at the meeting held on the first Monday in April, in each year.

RULE II. In the absence of the President, it shall be the duty of the Clerk if present, if not, of a member of the Board, to call the Board to order, and a member shall be elected to preside during the meeting; and in the absence of the Clerk, the Board may elect a member to serve as Clerk *pro tempore* for that meeting.

RULE III. The Clerk of the Board of Aldermen shall keep a full and accurate journal of the proceedings of the Board, and at each meeting of the Board, the journal of the preceding meeting shall be read and approved, unless the reading shall be dispensed with by vote of the Board.

RULE IV. In case a quorum of Aldermen shall not assemble within fifteen minutes from the time appointed, those present may send for the absentees, and compel their attendance; and for this purpose the President shall issue his warrant to the Constable or such other person as he may designate, who shall secure the attendance of such absentees.

RULE V. And in case any member wilfully absents himself from any meeting of which he has notice, he shall be subject to such a fine as may be imposed upon him by vote of the Board, not exceeding twenty dollars, or be publicly reprimanded by the President. And on any question relating to such absentee, he shall be heard in his own behalf. No member shall be absent without leave, unless he is sick or otherwise necessarily detained.

RULE VI. All proceedings shall be conducted with decorum, and according to parliamentary usages and rules, except as the same may be altered by these rules.

RULE VII. The presiding officer shall be styled the President, and be addressed as such, and every member when he speaks shall stand, unless excused from so doing, and address the President, and when he has finished, shall sit down.

RULE VIII. It shall be the duty of the President to preserve order and decorum; and when any member shall be called to order, he shall sit down; and every question of order shall be decided by the President without debate, subject to an appeal to the Board; and on appeal from the decision of the President, the question shall be opened to debate, giving to the President the right to open the same; but no member shall speak more than once on such question, except the President, who may close the debate, when the vote shall be taken by *yeas* and *nays*, and the decision shall be treated as the rule, until reversed by a vote of the Board.

RULE IX. The President shall appoint from time to time, such committees as may be ordered by the Board, and said committees shall consider such subjects as are referred to them, and report thereon—which report shall be in writing and shall be signed by a member of such committee, who shall be responsible for the language of the same and for its accuracy; and when the same is under consideration he shall be further liable to give additional statements of fact or other explanation in answer to the call of any Alderman.

RULE X. In the journal of the proceedings of the Board shall be entered the titles of ordinances, resolutions, rules and motions, and the names of all the Aldermen who introduce the same, or make a motion in relation thereto, and all votes with the names of all the Aldermen voting thereon whenever the *yeas* and *nays* have been called for.

RULE XI. No ordinance shall pass until the same has been ordered to be read three times; and on motion of a member, the same may, upon the second reading, be referred to a committee, who shall examine and report upon the same. All amendments shall be proposed before any ordinance shall be ordered to be read the third time, and twenty-four hours shall intervene between the second and third reading and between the third reading and the passage of the same.

RULE XII. At the regular meeting held on the first Monday of each month, the Board of Aldermen will meet at 7:30 p. m., or at such time in the day or evening as the Board shall, at a previous meeting, by vote designate.

RULE XIII. In the appointment of officers the members shall ballot for the person they desire to appoint, unless the Board, by unanimous consent, otherwise direct.

RULE XIV. Any member may call for the *yeas* and *nays* upon any question; and no member shall be excused from voting unless he is personally interested in the question, except by unanimous consent; and whenever the question before the Board of Aldermen shall be upon the passage of an ordinance, resolution or vote, *notwithstanding the objection of the Mayor*, the vote shall be taken by *yeas* and *nays*.

RULE XV. All resolutions offered in the Board shall be properly entitled, folded and filed, before the same shall be entertained by the President.

RULE XVI. On motion made and seconded, the Board may go into private session, on the discussion of any business, which may in the opinion of a member require secrecy, and during the discussion of such business, the doors of the Council Chamber shall remain shut.

RULE XVII. There shall be appointed by the Board in the month of April, in each year, the following Standing Committees of three members each, viz:

- 1st. A Committee on Water Department.
- 2nd. A Committee on Fire Department.
- 3rd. A Committee on Street Department.
- 4th. A Committee on Accounts and Claims.
- 5th. A Committee on Pauper Department.
- 6th. A Committee on Public Buildings and Parks.
- 7th. A Committee on Health.
- 8th. A Committee on Printing and Publication.
- 9th. A Committee on School and Library Affairs.
- 10th. A Committee on Liquor Agency.

RULE XVIII. Any one or all rules of this Board may be suspended, at any meeting, by the unanimous consent of its members present.

MAYOR'S MESSAGE.

[Delivered before the City Council April 4th, 1881.]

To the Honorable Board of Aldermen :

GENTLEMEN :—In accordance with general usage, as well as by the requirements of the City Charter, I submit for your consideration a general statement of the condition of the several departments of the City Government, together with such comments as seem to me appropriate. I will first, as a matter of the greatest importance, call your attention to our financial condition.

FINANCE.

No department of the City Government demands more careful attention than that of Finance, as the success of the various departments depends largely upon the successful management of this. It is gratifying to note a steady improvement in our financial condition, that the expenditures of the several departments have generally been kept within the

appropriations, and the bonded debt materially reduced from year to year.

The present bonded debt is as follows :

The several issues of water bonds, 6s. \$244,900.00

Improvement bonds, 6s. 35,000.00

Refunding bonds, Burlington and

Lamoille Railroad, 5s. 160,000.00

————— \$439,900.00

The sinking fund holds of city bonds, 6s. \$17,850.00

City bonds, 5s. 40,000.00

Funds uninvested, 156.20

————— \$58,006.20

Leaving the amount of bonded

debt outstanding, \$381,893.80

A reduction of \$6,562.38 during the past year.

The Treasurer's books show the floating liabilities January 1st, 1881, to be \$20,584.09, to meet which he had on hand uncollected taxes, and other cash items, \$18,049.37, leaving as excess of liabilities, \$2,534.72. This balance was caused by costs and damages incurred by the two suits of Reynolds and McGreavey against the City, for which no provision was made in the estimates or appropriations of last year. In the re-distribution of the United States deposit fund, under the census of 1880, the City has been called upon to refund \$6,240.80, which must be provided for in the estimates of the present year.

STREETS AND SEWERS.

A large amount of work has been done by this department, the past year. It has drawn from the Treasury, \$22,125.55, which has been disbursed as follows :

For sewers,	\$6,851.61	
Permanent improvements,	9,738.00	
Ordinary repairs of streets, sidewalks,		
bridges, &c.,	5,535.94	
	————	\$22,125.55

Of the amount expended on sewers, \$4,614.93 has been, or will be, returned to the Treasury by assessments on abutting property, leaving \$2,236.68 as the amount actually expended by, and chargeable to, the City on this account. About 3,900 feet of the six and one-quarter miles of sewers already in use has been constructed the past year. The following items, in addition to sewers, may very properly be classed under the head of permanent improvements: The macadamized portions of Colchester avenue, St. Paul, Union and King streets; about 4,850 lineal feet of cut stone curbing; 15,000 square feet of stone flagging; 5 stone street-crossings, and 4 street basins, which have been constructed and laid in different parts of the City. A portion of the curbing and flagging, however, has been paid for by owners of abutting property. Nearly $2\frac{1}{4}$ miles of streets have been covered with gravel from North avenue, a great improvement on the material heretofore used for that purpose, and I would recommend its further use, provided it can be obtained at a reasonable price. It is expected the Grand List will be

so much increased by the next appraisal, that the twenty per cent tax, required by law to be raised for highway purposes, will be sufficient for ordinary repairs, and leave quite an amount for permanent improvements. A regular system of sewerage is now considered indispensable in all cities and large towns. Owing to the increased use of water, as well as for sanitary considerations, the call for their future extension will be greatly increased. I would recommend that their construction be continued, from year to year, to as large an extent as our finances will permit and the public health demands, until the whole system is completed. The main sewer through the ravine should receive early attention, and public safety demands that a portion, at least, of the unfinished part be constructed the present year. The report of the Superintendent gives a full and clear statement of the details of this department.

FIRE DEPARTMENT.

This department still maintains its high standing, and by its promptness and efficiency adds yearly to its already widely known and well-earned reputation.

It has drawn from the Treasury \$2,884.47, being \$115.53 less than the appropriation.

Its disbursements are :

For current expenses,	\$1,349.47
“ rents of halls,	235.00
“ charge for water,	1,200.00
“ salary of Chief Engineer,	100.00
	————— \$2,884.47

By comparing its expenses, and the amount and condition of its apparatus, with cities of equal size, it will be clearly seen that it has been managed most judiciously, and at a comparatively small cost. The report of the Chief Engineer states the regular department to consist of 2 hand engines; 1 hook and ladder truck; 6 hose carts; about 4,000 feet of hose, and a force of 291 officers and men. The Volunteer department has 3 hose carts; a good supply of hose, and a force of 94 men. Seventeen fires have occurred, mostly slight, and the loss nearly covered by insurance. The several hose houses are reported in good condition, except the one occupied by Star Hose Company, which needs immediate repairs. During the past year the "Automatic Fire Alarm System" has been introduced, is now in successful operation and gives very general satisfaction. The sum of \$2,000.00 was appropriated for this object, all of which has been expended. Five additional boxes have also been erected, under the direction of the Committee, at a cost of \$1,000.00, for which an appropriation will be asked. Still further additions may become desirable, but at present I would recommend only the purchase of the 5 boxes already erected. A portion of the hose is reported in bad condition, and at least 1,000 feet of leather hose should be purchased to supply the deficiency. I would at this time renew my recommendation for the building of a Central Hose House, for cleaning, repairing and storing the hose. A tower suitable for this purpose can be erected at one end of the City Market building at a small cost, which I am confident would, in the end, prove an economical expenditure. The independent companies have, as in former years,

promptly responded to all alarms, and the public is under great obligations to them for their ever-ready and gratuitous assistance.

WATER WORKS.

The report of the Superintendent shows the disbursements in this department to have been as follows :

For paid interest on water bonds,	\$14,694.00
“ current expenses for pumping, salary of Supt. and incidentals,	6,171.83
	————— \$20,865.83

The receipts have been from water rates \$21,061.51, leaving a balance of \$195.68, to which should be added uncollected water rates \$513.30; coal on hand \$800.00, showing an actual surplus of \$1,508.98 for the year 1880. The sum of \$10,151.27 has, thus far, been expended on the higher service (so called). The amount appropriated for this purpose was \$12,000.00 to which should be added \$1,674.74, the surplus earnings of 1879, transferred to this account by order of the Board, making a total of \$13,674.72, which sum, with the surplus earnings of 1880, is estimated will be sufficient for its completion. Work has already been resumed, and as the material for the tank is on the ground, and the motor finished and tested, it may reasonably be expected that the entire works will be completed and put in successful working order in early summer. The quantity of water pumped was 241,801,843 gallons, or 48,466,670 gallons more than in 1879. Nearly 75 per cent of this increase was in the months of June, July, August and September, and is accounted for by the ex-

cessive use of hose and lawn sprinklers during these months. As an increase in revenue does not appear to follow an increase in the amount of water pumped, some more effective means should be devised to check this unremunerative waste, and it may be necessary to compel consumers who persist in using hose and sprinklers on their gardens and lawns, out of regular hours, to provide meters.

CRIMINAL AND POLICE.

In the City Court 81 cases have been tried, the costs of which are payable from the City Treasury. The costs in these cases amount to \$664.63. The amount of fines and costs in cases of conviction, collected and paid into the Treasury, is \$618.95, leaving as the actual expense to the city of prosecutions in this court, only \$45.68. This showing is even more satisfactory than that of the previous year, the excess of costs over receipts for 1879 having been \$162.95. Seven criminal cases were tried in Justice Courts, incurring an expenditure for costs of \$79.53, \$46.01 of which was returned to the Treasury in payment of fines and costs imposed, leaving a balance against the city of \$33.52, which makes \$79.20 as the real cost of both the City and Justice Courts. The regular and special police force now consists of 47 members, of which number 8 only are under pay: 490 arrests have been made, or 101 more than in 1879, 390 of which were under the prohibitory law; 61 have been committed to the House of Correction; 4 to the Reform School and 4 to the State Prison. The great number of arrests and convictions indicate a commendable zeal on the part of the

force. The whole cost of the department has been \$3,432.10, or \$358.40 more than in 1879, which is accounted for by placing an officer in Battery street, in accordance with a numerously signed petition from that locality. The cost of this department will materially increase from year to year with the growth of the City, but by comparison it will be found that the expenses are much less and the force much smaller than in most cities of our size. Complaints are sometimes made of the inefficiency of the police, but it would be well while making such complaints to consider that only two officers are on duty through the night, and they cannot reasonably be expected to be present in all parts of the City at the same time, and are consequently unable to prevent occasional thefts and other breaches of the peace. It should also be remembered that the most extravagant increase of the police force would not prevent crime, nor even always succeed in arresting criminals. Numerously signed petitions have been presented to the City Council, urging a more vigorous enforcement of the Prohibitory law on the part of the officers of this department. I believe that no member of the force has ever been found unwilling to make arrests, or to do any other act within their official duties, when information sufficient to warrant such action has been brought to their notice. I trust that in future the signers of these petitions will be willing and ready to furnish the necessary information, and by word and deed assist the proper officers in the discharge of their duties, and thus be instrumental in bringing about the desired reformation.

POOR DEPARTMENT.

This department has drawn from the Treasury the past year \$4,554.82, being \$620.43 less than in 1879, and \$945.18 less than the appropriation. The expenditures may be classed as follows; Expense at Poor Farm, \$1,422.04; outside aid, including transient poor, \$2,170.65; care and removal of insane, \$322.45; salaries, insurance and incidentals, \$919.58. The department shows a decided improvement from year to year, a result occasioned, in a partial degree, by the revival of business, thus furnishing employment for the poor and unfortunate, but largely owing to the care and vigilance exercised by the overseer and committee in charge in making a patient and thorough investigation of all cases brought to their notice, and thus enabling them to make a proper discrimination and assist those only who are deserving and entitled to aid. Matters at the Poor House are in a very satisfactory condition, and great care is taken by those in charge to render the condition of that unfortunate class who are compelled to make it their home, as comfortable as possible. The several benevolent associations of the City have, as in former years, rendered valuable assistance to the Overseer in the discharge of his necessarily unpleasant duties.

SCHOOLS.

The public schools of the City demand and receive a large share of public attention. Nearly one-fourth of the entire city tax is appropriated to their support, and the public have

a right to expect favorable results from the money so liberally furnished. Everything calculated to make them more efficient and useful should be encouraged. The gain in enrollment and attendance is an indication that all classes are appreciating them more highly, and are availing themselves more generally of their advantages. The fact that children from neighboring towns are sent here to be educated, is good evidence of the estimation in which they are held abroad, the receipts from this source the past year having been over six hundred dollars, and I am informed that a much larger sum would have been realized, had the seating capacity of the school buildings been sufficient to accommodate the numerous applicants. What now seems to be wanted to make them a complete success, is a more cordial and active co-operation on the part of parents with the teachers and School Board, in promoting their interests—not a general vague and intangible interest, but an interest which will be felt in every home where there are scholars, and which will reach every pupil in the schools. School work should be exalted in every family, and matters of minor importance placed in their relative positions.

The receipts of this department have been :

From tax levy,	\$17,169 48
Interest on U. S. Deposit Fund and rents of school lands,	1,996 00
Tuition of non-resident pupils and sundries,	612 93
Making a total of	————— \$19,778 41

Its disbursements have been :

For paid teachers' salaries,	\$14,590 37
Salary of Superintendent.	858 32
Insurance and interest.	492 03
Fuel,	1,005 50
Apparatus, furniture, supplies and incidentals.	1,795 90
Repairs.	886 51
Total,	————— \$19,628 63

leaving a balance on hand of \$149.78, which was used in reducing a liability incurred in repairing the High School building some years since, and which has since that time been carried by the Commissioners in the form of a bank loan. The balance of this loan is now \$1,676.19. So soon as the state of the Treasury will permit, I would recommend an extra appropriation sufficient to extinguish this debt, and thus relieve the Commissioners from further embarrassment. Substantial improvements and repairs have been made on the school buildings, and they are now in good condition. The report of the Superintendent gives full and detailed statements of the number of scholars, the daily and average attendance, course of study, list of teachers, and other interesting and valuable statistics and information.

FLETCHER FREE LIBRARY.

The Library is an important branch of our educational system, and perhaps more largely a public benefit than any other, except our schools, as all can avail themselves of its benefits. In a quiet way it is doing much good, and should

receive your hearty encouragement. With its growth, its expenses will materially increase, and a sufficient sum should be appropriated to maintain its present, and increase its future efficiency. It would be well to provide better accommodations for those who wish to examine and consult books not allowed to be taken from the Library room. The Library building is in poor condition. A new covering for the roof is indispensable in order to protect the books from serious injury, besides some minor repairs alluded to in the librarian's report, to which the Committee in charge should give immediate attention. It has drawn from the Treasury the past year \$2,476.16, of which \$171.30 was used to pay an indebtedness incurred in 1879, which leaves \$2,304.86 as the actual expenses for the year, being \$4.86 in excess of the appropriation. Nine hundred and eight volumes have been added to the Library the past year, the total number of bound volumes now being 12,785, exclusive of duplicates and a large list of periodicals.

SANITARY.

This department is of vital importance to every community and is constantly growing in interest and favor with our citizens. The feeling of security from the invasion and spread of contagious diseases, which a vigilant and experienced administration of its affairs gives us, is alone worth more than its cost; in addition to which, nuisances, which affect our comfort and prosperity, are constantly being abated, and statistical records made and preserved, which increase in value from year to year. With an abundant supply of pure water and a soil

which does not hoard up and exhale miasmatic poison, the most important public sanitary measure left for us to provide for is the thorough and safe removal of the filth and other sources of disease, which of necessity accumulate in a thickly-settled district. The matter of sewers is intimately connected with that of health, and a portion, at least, of disease is owing to negligence or ignorance of this subject. It is the duty of those in charge of this important work to see that all ordinances and regulations, as to their construction and connections, be rigidly observed, so that the public health may be benefitted rather than injured by their general use. I would commend to your consideration the various measures suggested in the interesting and full report of the Health Officer. The amount expended by the Health Officer the past year has been \$491.53, all of which has been drawn from the miscellaneous fund. I would suggest that in future this branch of the city government be organized as an independent department, and that regular appropriations be made for its maintenance.

CONCLUSION.

It gives me great pleasure to be able to congratulate you upon the favorable showing of the several departments of the city government for the past year. They appear to have been conducted upon sound business principles, and in most of them the expenditures have been kept within the appropriations. Let us still continue this prudent course. Let us be careful in making the estimates; examine with care the needs of each department, and make the necessary appropriations, from

which no deviation should be made, except in absolutely necessary cases. Let the head of each department conduct its affairs as if it were his own individual business, and be held strictly accountable for its good management. Let us keep all expenditures at as low a point as is consistent with the growth and welfare of the city, reduce the rate of taxation, and by strict economy show that the confidence reposed in us by our constituents as guardians of the city, has not been misplaced. Private business should not be allowed to interfere with public duties, and each member of the Board should, if possible, be present at all regular meetings, and attend promptly to such duties as may be assigned him. The people have a right to expect our best services and will hold us to a strict accountability in the discharge of our trust.

It is fortunate that the present Board contains so many experienced members, as the knowledge they have obtained will tend greatly to facilitate business. The almost entire absence of party politics in the late election is an evidence that the citizens generally approve your previous action and have relied upon your record in the past as a guarantee for the future. I trust that the pleasant relations of the past year may continue, and I pledge myself to do all in my power, with your assistance, to make a showing at the close of the year which will be creditable to ourselves and satisfactory to all concerned.

JO D. HATCH,

Mayor.

REPORT
OF THE
CITY JUDGE.

Summary* of fines and costs in prosecutions before the City Court, the costs of which are payable by the city of Burlington, from January 1st, 1881, to December 31st, 1881, inclusive:

- Fifty-nine cases against seventy respondents.
- 36 cases breach of peace, chiefly assaults.
- 12 cases breach of city ordinance.
- 6 cases petit larceny.
- 2 cases cruelty to animals.
- 1 case receiving stolen goods.
- 1 case selling diseased meat.
- 1 case lewdness.

59

- 19 respondents have been acquitted or discharged on *nolle prosequi*.
- 51 respondents have been convicted.

70

Appeals have been taken in three cases, in which the fines and costs imposed aggregated \$33.06. Fines and costs have been remitted to the amount of \$21.96. One respond-

*A statement of the cases in detail is on file in the City Clerk's office.

ent escaped after being sentenced to pay a fine and costs amounting to \$15.97. Except as above stated, all fines and costs imposed have been collected and paid into the City Treasury. The total amount so collected and paid is \$521.38. The total amount of costs is \$504.94. The excess of receipts over costs is \$16.44.

SENECA HASELTON,
City Judge.

REPORT OF

H. S. PECK, A JUSTICE OF THE PEACE.

Summary of fines and costs in prosecutions tried before H. S. Peck, Justice of the Peace, during the year 1881, the costs of which are payable to the City of Burlington:

4 cases against five respondents, all for breach of peace.

1 case was *nolle prosequi'd* by the Grand Juror.

3 cases were trials and convictions.

Amount of fines imposed, collected and paid City

Treasurer,	\$11 00
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Amount of costs imposed, collected and paid City

Treasurer,	24 49
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Total amount fines and costs imposed, collected and paid City Treasurer,	\$35 49
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Costs in the case not *nol. pros'd*, not collected, \$5.98.

Excess of fines collected over costs not collected, \$5.02.

Respectfully submitted,

H. S. PECK,
Justice of the Peace.

REPORT OF

J. W. RUSSELL, A JUSTICE OF THE PEACE.

To the Mayor and Aldermen of the City of Burlington:

GENTLEMEN:—

Five City cases have been brought before me as Justice in the year 1881:

4 for breach of the peace and one for petty larceny.

1 case was *nolle prosequi'd* by the Grand Juror.

3 cases, the respondent pleaded guilty.

1 case there was a trial and conviction.

Fines imposed, collected and paid City Treasurer, \$19 00

Costs imposed, collected and paid City Treasurer, 21 27

\$40 27

Costs in case *nol. pros'd* \$5.09. Excess of fines collected over costs not collected \$13.91. One case was tried in 1880 and respondent fined \$5.00 and costs, \$19.58. An appeal was taken but not prosecuted, and a mittimus was issued April 15th, 1881. The fine was remitted by you and the costs were paid to the City Treasurer by Sheriff Drew.

Respectfully submitted,

J. W. RUSSELL,

Justice of the Peace.

REPORT
OF THE
CITY LIQUOR AGENT.

JAMES MITCHELL, City Liquor Agent,
From January 1, 1881, to September 25, 1881.
In account with the City of Burlington.

RECEIPTS.

To cash on hand, January 1, 1881,	\$	5	20
Sales of liquor to September 25,		2,103	81
Empty barrels sold,		33	25
			<hr/> \$2,142 26

DISBURSEMENTS.

By Cash paid G. D. Weller, City Treasurer,	\$2,086	23
Paid freight bills,	35	48
Sundry office expenses.	4	65
Bills per vouchers,	15	90
		<hr/> \$2,142 26

*We, the undersigned, have examined the books and accounts of James Mitchell, City Liquor Agent, and find the same correct.

Burlington, Jan. 4, 1882.

SAMUEL A. DREW,	} Auditors.
A. B. LOWRY,	
MICAH H. STONE.	

*For the Profit and Loss account of the Agency see the City Treasurer's report.

REPORT
OF THE
SUPERINTENDENT OF STREETS.

COMMITTEE ON STREETS AND HIGHWAYS.

Alderman TAYLOR, Chairman.
Alderman RICHARDSON,
Alderman ALGER.

ALBERT R. DOW, Superintendent,

From January 1, 1881, to January 1, 1882.

To the City Council of the City of Burlington :

GENTLEMEN—

In accordance with the provisions of the City Charter, I respectfully submit my report for the past year.

SEWER DEPARTMENT.

RECEIPTS.

Cash from sale of sewer pipe and cement,	\$	14	50	
" " Main street sewer,		397	41	
" " H. Walker, towards sewer through his land.		200	00	
" " City Treasurer on account of Sewer Fund,		1,643	79	
				\$2,255 70

DISBURSEMENTS.

Cleaning sewers,	\$	33 95	
General expense of sewers,		152 07	
Main street sewer,		531 35	
Ravine sewer,		1,538 33	
		<u> </u>	\$2,255 70

STREET LIGHT DEPARTMENT.

RECEIPTS.

Cash from City Treasurer on account of Street Light Fund,	\$194 79
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DISBURSEMENTS.

8 Lamp posts,	\$	91 50	
12 Street lanterns,		69 50	
General repairs,		33 79	
		<u> </u>	\$194 79

PUBLIC BUILDINGS AND PARKS.

RECEIPTS.

Cash from O. Verran, Chairman, 1880,	\$	25 00	
“ “ H. N. Drury, “ 1881,		71 84	
“ “ V. G. Barbour, for labor on College Park,		23 60	
“ “ J. P. Howard, for Battery Park,		262 57	
“ “ City Treasurer, special appro- priation for gravel in Bat- tery Park,		16 00	
		<u> </u>	\$399 01

DISBURSEMENTS.

City Hall,	\$ 2 65	
Battery Park,	289 95	
College Park,	23 60	
City Hall Park,	57 81	
		\$374 01

STREET DEPARTMENT.

RECEIPTS.

Cash from various individuals for labor,	\$ 474 54
“ “ sale of Lake gravel,	12 48
“ “ “ “ Salls’ “	22 60
“ “ “ “ stone,	2 00
“ “ “ “ sand,	9 55
“ “ “ “ tools and stock,	1 95
“ “ “ “ street cleanings,	76 65
“ “ repairing tools,	25 84
“ “ general repairs,	93 78
“ “ sidewalk, College street,	16 48
“ “ gutter, Union “	2 80
“ “ J. P. Howard, for Lake View Cemetery,	859 43
“ “ Committee on numbering streets,	175 00
“ “ curbing College street,	102 01
“ “ “ North Union street,	28 55
“ “ flagging “ “ “	38 63
“ “ “ St. Paul street,	114 09
“ “ “ College “	1,152 38
“ “ “ Main “	1,025 67
Earnings of city teams,	1,384 38
Cash of Town of Colchester, collection bridge expense,	260 76
“ “ City Treasurer, collection bridge expense,	304 36

Cash of City Treasurer, special appro-	
priation for gravel in Lake	
View Cemetery,	77 60
“ “ City Treasurer, avails of taxes,	16,745 38
	————— \$23,006 91

DISBURSEMENTS—STREETS.

Adams street,	\$ 68 25
Bank “	20 00
Battery “	10 90
Beach “	9 00
Champlain “	44 44
Cherry “	1 00
Church “	16 68
Cliff “	18 10
Chase “	21 46
College “	49 15
Decatur “	7 53
East avenue,	2 00
Elm street,	220 68
Elmwood avenue,	5 60
First street,	8 98
Grant “	2 50
Howard “	87 21
Hyde “	67 99
King “	21 83
Kilburn “	13 48
Loomis “	3 00
Ledge road,	51 45
Maple street,	33 74
Main “	24 90
North bend,	18 37
North street,	6 20
Patchen road,	24 99
Pine street,	181 86
Proctor road,	13 70

Pearl street,	185 19
Rose “	39 08
School “	12 90
Spear “	8 00
Summit “	7 50
Shelburn “	58 05
University Place (High street),	36 27
Union street (North and South),	66 80
“ “ draining,	399 59
Williams “	26 61
Willard “	41 46
Winooski avenue,	46 95
Winooski road,	328 11
Cleaning streets,	236 02
Unclassified repairs,	1,257 45
	————— \$3,804 97

DISBURSEMENTS—GRAVELLING.

Salls' gravel, material unused,	\$ 27 50
Graveling Colchester avenue,	609 91
“ Prospect street,	460 52
“ Spruce “	308 18
“ College “	582 67
“ St. Paul “	348 93
“ North avenue,	460 42
“ Main street,	151 20
	————— \$2,949 33

DISBURSEMENTS—MACADAMIZING.

Stones broken,	\$ 12 55
Macadamizing College street,	1,049 26
“ St. Paul “	482 26
“ Main “	1,931 01
	————— \$3,475 08

DISBURSEMENTS—CROSSINGS.

General repairs of crossings,	\$	9 59	
Crossings St. Paul street,		18 55	
“ Main “		103 60	
“ Winooski avenue,		10 10	
“ College street,		255 09	
			\$396 93

DISBURSEMENTS—FLAGGING.

General repairs of flagging,	\$	30 41	
Flagging North Union street,		47 56	
“ St. Paul “		222 96	
“ College “		1,660 99	
“ Main “		1,509 12	
“ South Union “ (relaid),		94 10	
			\$3,565 14

DISBURSEMENTS—CURBING.

General repairs of curbing,	\$	18 69	
Curbing College street,		347 80	
“ North Union “		32 55	
“ Main “		36 52	
			\$435 56

DISBURSEMENTS—PAVING.

General repairs of paving,	\$	12 02	
Gutter, North Union street,		121 81	
“ Loomis “		36 09	
“ Spruce “		3 53	
“ Pearl “		3 35	
“ Main “		28 86	
“ College “		73 13	
			\$278 79

DISBURSEMENTS—BRIDGES.

Heineberg bridge,	\$1,547 03	
Winooski “	1,220 62	
Bridge on Shelburn street,	33 63	
		\$2,801 28

DISBURSEMENTS—SIDEWALKS.

General repairs of sidewalks,	\$ 83 42	
Sidewalk, Union street,	15 67	
“ St. Paul “	26 45	
“ Church “	7 84	
“ Spring “	12 90	
“ College “	116 29	
“ Main “	75 88	
	————	\$ 338 45

DISBURSEMENTS—BASINS.

General repairs of basins,	\$ 39 58	
Cleaning basins,	116 18	
Basin, College street, at ravine,	35 25	
	————	\$ 191 01

DISBURSEMENTS—MISCELLANEOUS.

Labor for various individuals,	\$ 462 52	
Fencing,	14 03	
General expenses,	70	
Snow work,	141 01	
Lake View Cemetery,	937 03	
Sand,	25 25	
Salary of Street Superintendent and City Engineer,	1,118 33	
Numbering streets,	176 79	
Tools and stock,	306 44	
Repairing tools,	161 21	
Office expenses, coal,	52 75	
“ “ water,	10 00	
“ “ stationery, books, etc.,	45 17	
“ “ furniture,	39 55	
“ “ incidentals,	31 02	
City teams,	1,273 57	
	————	\$ 4,795 37
Total, Street Department,		\$23,031 91

RECAPITULATION.

	RECEIPTS.	DISBURSEMENTS.
Sewer Department,	\$ 2,255 70	\$ 2,255 70
Street Light Department.	194 79	194 79
Public Buildings and Parks Department.	399 01	374 01
Street Department,	23,006 91	23,031 91
Totals,	\$25,856 41	\$25,856 41

TOTAL RECEIPTS.

Cash from City Treasurer,	\$18,981 92
“ “ “ “ amount of as-	
sessm'ts on sidewalks, sewers, etc.,	2,723 53
Earnings of City teams,	1,384 38
Cash from all other sources.	2,766 58
	————— \$25,856 41

We, the undersigned, have examined the accounts and vouchers of Albert R. Dow, Superintendent of Streets, from January 1, 1881, to January 1, 1882, and find them correct.

SAMUEL A. DREW,	} Auditors.
A. B. LOWRY,	
MICAH H. STONE.	

ACTUAL COST OF DEPARTMENT AND BRANCHES FOR THE YEAR.

Cash from City Treasurer,	\$18,981 92
Less amount unpaid bills,	\$ 10 01
“ “ material unused.	700 00 710 01

Amount actually expended by the City. \$18,271 91

The Street Department now has to its credit, as reported by the City Treasurer, the sum of \$1,117.57.

There are no outstanding bills.

All assessments made during the year have been paid.

MATERIALS ON HAND.

3 lamp posts,	\$ 36 00
3 man-hole tops,	60 00
3 lamp-hole tops,	12 00
Basin grates,	30 00
Paving stones,	40 00
Planks,	25 00
Coal,	36 00
Macadamizing materials,	50 00
$\frac{1}{2}$ ton of straw,	6 00
1 screen,	10 00
Survey stakes,	5 00
1 corner curb stone,	12 00
$\frac{1}{2}$ ton of hay,	7 00
Oats and provender,	18 00
Office furniture,	30 00
Stationery and books,	20 00
Akron tile,	3 00
Tools and stock,	275 00
Blacksmith apparatus,	25 00
	<hr/>
	\$700 00

SEWER DEPARTMENT.

During the past year two new sewers have been built. Each one is constructed in accordance with the adopted plan of the City, in the most approved manner, of the best materials, and provided with all needed man-holes, lamp-holes, connection pipes, etc., whose location can be ascertained by reference to the sewer plans.

The portion of the ravine sewer built extends from Union street nearly to Pearl street. It is of brick, the walls 8 inches in thickness, the lower half being laid in Portland cement, and the upper half in Rosendale cement. To the expense of the work Mr. Hiram Walker contributed \$200.00. and the

balance of the expense was paid by the city. Main street sewer, for 1881, extends from Willard street eastwardly 362 feet.

General expenses of sewers include all common repairs and some material now on hand.

Below is tabulated further information relative to sewers of 1881:

SEWERS OF 1881.

LOCATION.	SIZE.	SHAPE.	LENGTH.	COST TO CITY.	COST TO PROP'RTY	TOTAL COST.
Ravine, Main street,	18 in.	Egg shape,	600 ft.	\$1,338.93	\$200.00	\$1,538.93
	15 in.	Circular,	362 ft.	133.94	397.41	531.35
Totals,			962 ft.	\$1,472.27	\$597.41	\$2,069.68

STREET LIGHTS.

The money expended by me during the year for this department has been for the purchase of 8 new posts and 12 lanterns; the expense necessary for setting, moving and repairing posts, and some of the general repairs of the apparatus. Eleven lights are in City Hall Park and Battery Park, and burn only in summer. The maintenance of one of the city lights is paid for by a private individual.

Ward 1 has	9	Naptha Lamps,	7	Gas Lamps,	16
" 2 "	11	"	"	8 "	19
" 3 "	24	"	"	3 "	27
" 4 "	5	"	"	40 "	45
" 5 "	8	"	"	25 "	33
Totals,	57		83		140

PUBLIC BUILDINGS AND PARKS.

The work done for this Department has been by the direction of Mr. Drury, Chairman of the Committee, and Professor Barbour, Superintendent of the College grounds.

The gravelling of the drives in Battery Park was done at the expense of Mr. John P. Howard, who made this generous gift to the city.

The expense in City Hall Park was for grading the grounds around the new fountain and some of the regular care of the Park. The new fountain was a gift, also, from Mr. John P. Howard.

STREET DEPARTMENT.

This Department includes all the other work done during the year past, both that which can be classed as permanent, and that which is the ordinary care of roads, sidewalks, bridges, etc., keeping them safe and in fair order.

The macadamizing of the year has all been done in one manner and in accordance with the city lines and grades. The road-bed being first prepared, some 15 or 18 inches of broken stones, decreasing in size from the bottom to the top, were spread compactly and in proper shape, and then covered with a layer of gravel.

The roads gravelled have first been properly prepared and brought to the grade, or as near it as was practicable, and then covered with from 7 to 9 inches of the Salls gravel. The gravelling done has been in the following places :

Colchester avenue from University Place to the entrance to the Mary Fletcher Hospital.

Prospect street, from Main street nearly to Cliff street.

Spruce street (with a foundation of marble chips) from St.

Paul street to a point about 100 feet east of Elm street.

College street, between Winooski avenue and Union street, and also between Willard and Williams streets.

St. Paul street, between Main and King streets.

North avenue, between Battery Place and North street.

Main street, between St. Paul and Pine streets.

The macadamizing done is located as follows :

College street, between St. Paul street and Winooski avenue.

St. Paul street, between College and Main streets.

Main street, between St. Paul street and Winooski avenue and also between Prospect street and a point opposite the reservoir.

In connection with the macadamizing, 8 new crossings have been constructed, and 13 have been relaid.

The paving done is in connection with the curbing set in 1881, and some of that set in 1880 on North Union street.

The street basin on College street, at the ravine, has been rebuilt and enlarged. One new basin was built in connection with draining South Union street, at a point a few hundred feet south of Spruce street.

The larger part of the curbing set has been upon College street in connection with the other improvements made there. Its length is 528 feet. The total cost was \$347.80. Assessments on the property were \$102.01. The curbing and flagging on North Union street was an extension of the previous year's work. The length is 55 feet. The total cost was \$80.11. The amount paid by the property was \$67.18.

The flagging on St. Paul street is in front of the Van Ness House. The total cost was \$222.96. The amount paid by the property was \$114.09.

The flagging relaid on South Union street is on the east side, from Maple street nearly to Spruce street. The water from the unimproved slopes east of the street, settled and gullied the soil the flagging rested on so as to make it needful to relay it. It is expected that the precautions now taken in laying it will prevent its being again so disturbed.

The flagging on Main street is from Church street to St. Paul street, and some in front of the Van Ness House.

The total cost was \$1,509.12.

The amount paid by the property was \$1,025.67.

The flagging on College street is between Church street and Winooski avenue. The total cost was \$1,660.99. The amount paid by the property was \$1,152.38.

The outlay at the Heineberg bridge was for the work spoken of somewhat in my last report. The pier in the center was rip-rapped, and the north shore, which was being worn away by the current of the river, was similarly protected for several hundred feet. The large outlay at the Winooski bridge

was for re-building the sidewalks and a thorough overhauling of its vital parts. Many important timbers were found in an unsatisfactory condition, and the piers needed considerable repair. The time is not distant when a new bridge will be a necessity, and when built, it should be of iron. Including this past year and from this time on, the expense needed by the bridge is more than liable to exceed the interest on the cost of a proper iron one, and steps should be taken to provide such an one before the necessity again arises for so large an outlay for repairs, as has been needed during the past two years.

Of the regular repairs of sidewalks, those of the sidewalk on College street are the largest, and include the filling needed east of Winocski avenue, to bring the walk to the proper street width.

The outlay upon Elm street, was for filling needed to widen it to the street lines, between Adams and Spruce streets. The location has long been in a condition dangerous to public travel and lacked any sidewalk whatever, and advantage was taken of a near supply of filling to remedy the defect. The drainage of Union st. includes that part done south of Spruce street as a matter of health, with a street basin, as referred to before, and that part done between Maple and Adams streets, as a necessity for the stability of the flagging. Cleaning streets includes, also, that of crossings. The disbursement for street numbering includes that part which was done through this department. Maps of the streets have been and are being prepared, with an accompanying record book, showing the proper number belonging to each front. Unclassified repairs are those which could not be distributed. The City team account includes all expenses properly chargeable to it. Expenses, \$1,273.57. Earnings, at the rate of \$1.00 per day, \$1,384.38.

The common repairs of streets, during the year, have consisted, in many cases, of turnpiking them in proper shape to prevent the gullyng by water, and to keep the roadway in dryer condition—such work as a common road needs every few

years. The labor of gravelling the drives in Lake View Cemetery was paid for by Mr. John P. Howard, who made this generous gift to the city in connection with that of gravelling the drives in Battery Park, spoken of under the Park Department. The department has, during the year, contracted for all the gravel available in the special locality where it is now procured, part payment having been made, and the balance to be paid during 1882. The price paid is \$200.00 for the gravel upon one acre of land. Such as has been taken lies upon the surface, and its average depth has been probably about 4 feet. The crushing apparatus has been cared for as well as possible, but, before use, the timber work must be thoroughly repaired.

In looking over the outlay of the whole Department for the year, it will be gratifying to note that a very large part is for that class of work which can be called permanent. A street thoroughly put in order is not only of more benefit and more satisfactory to the public, but requires no more outlay to keep it in proper condition than an ordinary street.

For further statistics of work see the report of the City Engineer.

As always hitherto in my work, I wish again to thank your honorable body for interest manifested and encouragement given, and the Street Committee in particular, for their advice and directions, and to say that whatever credit may be due the Department, is in a very large measure owing to the careful attention they have given its management, and their constant labors in its behalf.

Respectfully submitted,

ALBERT R. DOW,

Superintendent of Streets.

REPORT

OF THE

CITY ENGINEER.

Probably no special remarks are needed in reference to this office, as its requirements are no doubt well understood, consisting in laying out the work to be done, in accordance with the regular plan of the city, of making complete and accurate record of all such work, and of adding to official surveys, as opportunity occurs. To prevent misapprehension, and to counteract erroneous statements in this respect, it is perhaps proper to say that the work done during the past year, has been done according to the plans and grade long since adopted by the city, and on record in the City Clerk's office. Parties building on the principal streets of the city would do well before determining the heights of their foundation, to get from the grade-book the grade of the street at their premises, and then build accordingly. The following statistics will probably be of interest:

	1881.	TOTAL.
Length of roads in the city limits.		50 miles.
“ “ macadamized and paved roads, 2,500 ft.,	3.47	“
“ “ gravelled roads.	7,000 “	5.21 “
“ “ sidewalk curbed and flagged, 1,014 “	2.66	“
“ “ “ “ only,	112 “	1.86 “

	1881	TOTAL.
Number of stone crossings.	8	61
“ “ street basins,	1	31
“ “ “ lights,	4	140
“ “ “ street letter boxes.		26
“ “ fire alarm boxes.	4	19
“ “ “ hydrants,	5	143

LENGTH OF SEWERS, 1881.

15 inch Akron tile,	362 ft.	} 962 ft.
18 “ brick.	600 “	

TOTAL LENGTH OF SEWERS.

SIZE.	CEMENT PIPE	BRICK.	VITRIFI- ED PIPE.	STONE.	TOTALS.
8 in.	365 ft		325 ft		690 ft.
12 “	9,680 “		8,599 “		18,279 “
15 “			963 “		963 “
18 “	3,840 “	1,505 ft	1,771 “		7,116 “
24 “	525 “	1,342 “	165 “		2,032 “
30 “		1,175 “			1,175 “
36 “		820 “			820 “
36-48 “				1,600 ft	1,600 “
60 “		125 “			125 “
72 “		600 “			600 “
Totals.	14,410 ft	5,567 ft	11,823 ft	1,600 ft	33,400 ft = 6.325m

ALBERT R. DOW,

City Engineer.

FLETCHER FREE LIBRARY.

OFFICERS.

TRUSTEES OF THE LIBRARY:

THE MAYOR, *ex-officio*.
E. J. PHELPS,
M. H. BUCKHAM.
SAMUEL HUNTINGTON,
L. G. WARE.

TRUSTEES OF THE FUND:

HENRY LOOMIS,
H. P. HICKOK,
T. E. WALES.

LIBRARIAN:

T. P. W. ROGERS.

ASSISTANT:

LIZZIE R. MOORE.

MESSENGER:

W. H. STONE.

REPORT
OF THE
TRUSTEES
OF THE
FLETCHER FREE LIBRARY.

BURLINGTON, Vt., January 1, 1882.

To the Honorable the Board of Aldermen :

GENTLEMEN :—

The Trustees of the Fletcher Free Library beg your acceptance of their eighth annual report: with their thanks for the kindness shown by you to its needs and to their suggestions and requests during the past year.

They are pleased that the present report has not to obtrude again upon your notice the roof of the library-building. Thanks to you, it is, for the present, safe against leaking, and our books are so much the less at risk of ruin. But, if the subject has not become too trite, they would mention again the chronic complaint of the heating of the Library; which, on cold days, does not heat, and is costly, and, by its dirt and dust, harmful to the books. And they ask leave to urge the need of more convenient quarters for those who come to consult our books of reference. The use of these increases so markedly, that the "Reference" promises to be the most important part of the Library. And it is much to

be wished that readers could have a quiet room by themselves where they may have the books and take notes, undisturbed by the going and coming of the general readers. Here could be placed, too, our current periodicals, which now number some thirty against the half dozen with which we began in 1878. The Trustees would add another thirty if they had the means, they hold these to be so valuable a part of library equipment. These and the reference books proper, and such documents, like the "Certified Patents," as the Library holds in trust—together with encyclopædias, dictionaries, and such which it needs, and, we hope, will be getting duly—are to make this Department and its use so important, that the need of a proper reading-room goes without saying. We commend it to your consideration and favor.

It is this Reference Department which will have the keeping of the volumes which are now to come to the Library as "Depository of Public Documents." It has been made so, in the past year, by the influence at Washington of Senator Edmunds, a good friend to it, who shows himself always watchful of its interests and credit. It will now receive all the valuable books printed by order of Congress. It has already received these from 1872 to date; though it might have looked for those only which are to come out from the present time on. Among these may be named: the Coast Survey Reports, the Reports of the Polar and other Expeditions, the large Centennial Map, besides the annual Departmental Reports. The other Public Documents, issued by the War and other Departments, such as the Survey of 100th Meridian, and the like, are sent us by the kindness of Senator Morrill.

The Trustees have to repeat their regret that, with the funds available, they have to leave the gaps so gaping and evident in the general Departments of Science, Literature, History and Art. It is, however, this Reference Department which most cries out to be filled. But thrice their whole income for buying books could be spent at once to fill the needs which seem imperative here. The Librarian, in his Report,

which we append, touches on our lack of "original sources of information," and gives a glaring instance of our deficiency in this respect. Such books, if we could come by them, would naturally take their place in this Department. We therefore ask you again, gentlemen,—and through you would ask our townsmen,—if some provision cannot be made for a fund, or for a stated sum per year, to use for this set purpose. Books of reference are the Library within a library,—its most useful and important part. Better one serious inquirer or earnest student should here be served, than to have any ten among general readers helped to while away an idle hour with mere pastime. As this part is fostered, a library is best provided for. It is the heart, whose proper nourishing and healthy action are for the health and use of all the rest. If any one would emulate the good deeds already done among us by a wise and generous public spirit, in the name of Fletcher and of Howard, the endowment of our Reference library is an object in which a citizen may be sure of honor to himself and benefit to the city.

The five years which have run out since the Catalogue was made have increased the Library half as large again. We now count up near 15,000 volumes. Of this growth a fair proportion is due to donations. The Trustees take pleasure in drawing your attention to one year's proof of this generosity, in the list of donors here appended; and also to that of the most important titles which have been added. If the growth turns out as large in the next five years, so much more to the credit of our city and for the benefit of our citizens.

Public libraries everywhere seem to be finding it desirable to reduce their works of Fiction. We have already lessened the reading of fiction in ours at the following rate:—In 1876, 84½ per cent; in 1877, 82 per cent; in 1878, 81 per cent; in 1879, 70 per cent; in 1880, 66 per cent. In 1881, the percentage has been raised to 67. The money spent each year for novels, stories, etc., is but a petty portion of the annual

sum. The Trustees, however, wish this year to spend the whole on works of more permanent value, and have decided for the present, not to buy any fiction at all. Indeed, many of the American editions of the better English novels are not in proper library form, and, in the "Franklin Square" and other such issues, are so cheap as to be within reach of almost every one, and thus to excuse the Library from furnishing them.

Once more, praying the continuance of your interest and care for the Library, we remain, gentlemen,

Yours respectfully,

THE FLETCHER FREE LIBRARY TRUSTEES,

By L. G. WARE, Secretary.

LIBRARIAN'S REPORT.

BURLINGTON, Vt., January 1, 1882.

To the Trustees of the Fletcher Free Library:

GENTLEMEN:—

The annual Report of this Library for 1881 is herewith respectfully submitted:

The successive reports of the heads of libraries are of necessity nearly devoid of original matter, and are circumscribed by a narrow circle of details which are often overlooked as uninteresting fragments of an only tolerably interesting whole. But it is only by the comparison and grouping of these individual members that growth or decay can be determined. The budgets of nations, or the innumerable details of a census,

form dreary *reading*, but the final deductions are of absorbing interest to every human creature.

A library should grow slowly. There does not exist a good, large library, which has been collected within a few months or a few years. That explains why an old, small library is always more valuable than a new large one. That library which gathers upon its shelves the products of its day, almost insensibly enriching itself from the wealth of the present, becomes, in time, the delight of scholars and the wonder of its patrons. And while this Library is one of the youngest of the infant American libraries, it is the earnest aim of its librarian to make it all it can be made in its community. Its income is very small. Consequently various devices are used to economize the small means at command. Books are bought at auction, of private individuals, are exchanged, and not unfrequently *begged*, in order to secure all that may be secured. And yet it seems as if but a small stream of the vast current of literature which sweeps by us, could be diverted into our channels. I am oftentimes unable to resist a favorable opportunity to get, at a bargain, a book, which at another time, must cost more than the library can afford. I mention this, not because it is new, to the Trustees, but to show that no effort is spared to make the best use of the resources at command.

In speaking of growth, there is one feature of the library which heretofore has not entered into the details of the annual report, viz: The collection of pamphlets, which now number upwards of 2,000. These are tolerably arranged by subject, but there is no catalogue or means of knowing what they contain, only as we suggest their use to readers. They deserve cataloguing as much as the Encyclopædia Britannica, but must at present remain in obscurity for want of funds.

The accession catalogue shows 13,374 volumes entered. The number of duplicates and books held in trust is 1,253. The pamphlets number 2,000, a total of 16,627, or, not including pamphlets, the library contains, in round numbers, 15,000

volumes. In 1881, 536 volumes were added from the Fletcher fund, 161 by gift, 42 from fines and 10 by exchange. About 60 volumes were added by exchange, but they are not yet entered and are therefore not included.

The inventory just completed shows 8 volumes missing, of which 3 volumes are lost outright, having been carried out of town by carelessness or by criminal neglect. This loss is almost inevitable by our system. It is preventable by a rigid system of guarantees, but I have deemed the annual loss of a few inexpensive books of less importance than the unrestricted freedom of the library to every person. Books which are missing at inventory generally appear a week or two afterwards.

On the whole, the condition of the library is excellent. Volumes which are lost or worn out are replaced, except in the case of prose fiction, which, in some cases, are not replaced. The periodical list has been enlarged by the addition of three of the less expensive scientific journals and of "Puck," making upwards of 30 different serials now on the reading desk.

The circulation for the past year shows a trifling decrease, while the fiction loaned shows a slight gain, though less in number than in the preceding year. This gain is to be attributed to the considerable number of popular novels added last summer.

The use of the reference library and of the periodicals, is constantly increasing, and demands greater facilities. A separate reading room is much needed in order that people may read and make notes without interruption.

Among the gifts worthy of especial mention, are those of Mrs. M. A. Finney, Mrs. G. W. Hindes, Mr. W. H. S. Whitcomb, Mr. F. W. Ward, Rev. T. A. Hopkins and A. G. Hatch, Esq., of Windsor. The addition of the old county court vault gives absolute security to the rare volumes which are yearly being given to the library.

GENERAL REMARKS.

While I am in favor of Fiction, in all its grades, for proper use in public libraries, I must add my opinion that, in the present case, there is enough of that class of literature on our shelves for all present needs. and I would recommend, that, for some time at least, attention be directed to the purchase of *original sources of information* in all departments, but especially in history and biography. For instance, a well known gentleman desired to look up the evidence against Lord Bacon, in regard to the currently quoted statements concerning his corruption while on the bench. There is absolutely nothing in the Library in relation to it but the second-hand opinions of more or less partizan biographers. Books like the "Greville Memoirs," Lodge's "Illustrations of British History," Birch's "Records of the Past," and the quarto editions of Locke and other authors, are of the greatest importance to students and readers because they are in themselves the original documents, or their faithful transcript. Nor is the value of the original edition always done away with by the reprint. More books than Butler's "Analogy" have been altered to suit the tastes of readers or editors: to witness a recent instance, Sayce's edition of George Smith's "Assyrian Discoveries."

Every librarian has been put to task to find information, and he is frequently amazed to find how meagre are the details where they were supposed to be abundant. He need not look for something about the Sibylline books, or about the boyhood of Odin; let him only find something about Ethan Allen, or even of some event or transaction which has but recently passed into history, and he will be compelled to admit, either that there is nothing, or that his library does not contain it.

Libraries and readers are under great obligations to Mr. Foster of Providence, to Mr. Griswold ("Q. P. Index") of Bangor, and to that noble army who have come to the help of

Mr. Poole against the mighty and heretofore nearly useless periodical.

Indexes and the sources of history are the greatest needs of this Library, and with this recommendation, I respectfully submit my Report.

T. P. W. ROGERS.

Librarian.

APPENDIX A.

List of a few of the more important titles added during the year:

Allston. Lectures on Art.	812.18
Amicis. Spain.	616.20
———Studies of Paris.	617.30
American Art Review, Vol. 1-2.	R. L.
Athenæus. Works. 3 v.	1624.3
Barnard. Private Life of a King (William IV.).	*716.16
Blaikie. Life of Livingstone.	732.25
Christian Examiner. Set 87 v.	1671.1
Curtis. Life of B. R. Curtis.	766.15
Ebers. Egypt. (gift).	R. L.
Ellis. Original Letters of Eminent Men.	1511.17

Gardiner. Music of Nature.	821.28
Gebler. Galileo.	758.11
Guillemin. Application of Physical Forces.	162.34
Kingsley. The Roman and the Teuton.	254.11
Johnston. The Yorktown Campaign.	317.20
Ives. The Colorado Expedition, 1857-58.	P. D.
LaLanne. On Etching. (gift).	824.40
Lindsay. Mind in the lower Animals.	114.18
Mackintosh. View of Ethical Philosophy.	1063.30
North British Review. Set 53 v.	1632.1
Racinet. Le Costume Historique.	R. L.
Reeves. History of the English Law. 6 v.	1051.23
Scientific American Supplement. v. 1-10 (gift).	R. L.
Shakespeare. Harvard ed.	842.5
Smiles. Life of Robert Dick.	732.11
———Life of Thomas Edwards.	732.12
Villari. Machiavelli. 2 v.	758.17
Stevenson. House Architecture. 2 v.	166.37
Stow. History and Survey of London (gift).	R. L.
Westminster Review. 1st. Ser.	915.9
Williamson. History of Maine. (gift) 2 v.	342.30

APPENDIX B.

Whole number of books entered on the Catalogue of
Accessions, 13,374.

Number of books held in trust, and duplicates, 1,253.

Number of pamphlets, 2,000.

Number of volumes not entered, 85.

Number of Periodicals taken, 33.

Volumes delivered for home use in 1881.

	Total.	Fiction.
January,	2,885	1,507
February,	3,052	2,011
March,	3,121	2,263
April,	2,722	1,701
May,	2,040	1,281
June,	1,696	1,241
July,	1,853	1,419
August,	1,928	1,444
September,	1,827	1,294
October,	2,275	1,641
November,	2,287	1,572
December,	2,576	1,838
	28,262	19,212

APPENDIX C.

List of donors to the Fletcher Free Library, 1881.

C. E. Allen.
Miss Kate B. Anderson.
J. D. Bartley.
Hon. G. G. Benedict.
Lucius Bigelow.
Rt. Rev. W. H. A. Bissell.
William Brinsmaid.
President Buckham.
Dominion of Canada, Library of Parliament.
Harry Le Grand Cannon.
Chicago, *Ill.*, Public Library.
Cincinnati Public Library.
Mrs. Kate A. Davis.
A. R. Dow.
Dundee, *Scotland*, Public Library.
Mrs. Glover Eddy, Portland, *Maine*.
Hon. Geo. F. Edmunds.
Rev. L. H. Elliot, Keeseville, *N. Y.*
Mrs. M. A. Finney.
Geo. H. Francis.
Dr. A. P. Grinnell.
Hon. Robert S. Hale, Elizabethtown, *N. Y.*
Hartford, *Conn.*, Library Association.
Hon. A. G. Hatch, Windsor.
Hon. Jo D. Hatch.
Henry W. Haynes, *Esq.*, Boston, *Mass.*
Mrs. G. W. Hindes.
Dr. S. D. Hodge.
H. A. Homes, *L.L.D.*, Albany, *N. Y.*

- Rev.* Theodore A. Hopkins.
A. J. Howard.
Rev. John Clare Hudson, Horncastle, *Eng.*
Hon. S. Huntington.
Hon. L. L. Lawrence.
J. Learmont, Montreal, *P. Q.*
George H. L'Heureux.
Leeds, *Eng.*, Public Library.
Liverpool, *Eng.*, Public Library.
Mrs. Elias Lyman.
Miss Flora Lyman.
Lynn, *Mass.*, Free Public Library.
Massachusetts State Board of Education.
 " " " " Health.
Mechanics Institute, New York City.
 " " Toronto, *Ontario*.
Mrs. Charles E. Miner.
Hon. J. S. Morrill.
New Bedford Public Library.
Prof. Geo. H. Perkins.
Dr. N. H. Perry.
Hon. E. J. Phelps.
Philadelphia Library Co.
 " Mercantile Library.
Prof. Louis Pollens, Hanover, *N. H.*
Hon. J. N. Pomeroy.
John P. Rich, St. Albans.
Hon. Daniel Roberts.
Mrs. E. Root, Shelburn.
E. Selden.
Hon. B. B. Smalley.
Jas. H. Smart, Indianapolis, *Ind.*
St. Louis Public School Library.
Miss Jennie Stacy.
Miss Juliette Staniford.
Elihu B. Taft.

M. D. L. Thompson.

Toledo, *Ohio*, Public Library.

United States Bureau of Education.

“ “ Department of Interior.

University of Vermont.

Unknown donor, through D. Appleton & Co.

Vermont Life Insurance Co.

Mrs. Chas. F. Ward.

Fred W. Ward.

Rev. L. G. Ware.

W. E. Weller.

Mrs. Louis Wheeler.

W. H. S. Whitcomb.

G. W. Whitney.

Woburn, *Mass.*, Public Library.

REPORT

OF THE

CEMETERY COMMISSIONERS.

To the Mayor and Board of Aldermen :

GENTLEMEN :—

The receipts and disbursements of the Cemetery Commissioners in Lake View Cemetery for the year ending December 31st, 1881, have been as follows :

RECEIPTS.

Cash on hand January 1, 1881,	\$ 49 64
“ received for lots sold in 1881.	893 26
“ “ “ care of lots,	353 05
“ “ “ fitting “	196 50
“ “ “ opening and filling graves,	136 50
“ “ “ vault fees,	46 00
“ “ “ hay,	19 95
“ “ from City Treasurer, ap- propriation by Board of Aldermen,	150 00
	————— \$1,844 90

DISBURSEMENTS.

Cash paid P. H. Catlin, Commissioner,	
as per time book,	\$456 00
" " all other labor,	691 25
" " bills as per vouchers,	272 68
" " incidental expenses,	35 86
" on hand December 31st, 1881,	389 11
	<hr/> \$1,844 90

SALE OF LOTS.

Paid City Treasurer, amount received for lots sold	
in 1881,	\$893 26
Received of City Treasurer,	893 26

We, the undersigned, have examined the books and accounts, together with the vouchers for same, of P. H. Catlin, Cemetery Commissioner, and find them correct.

SAMUEL A. DREW,	} Auditors.
A. B. LOWRY;	
MICAH H. STONE,	

ACCOUNTS DUE LAKE VIEW CEMETERY.

On lots sold in 1881,	\$ 56 56	
" account of care of lots, etc.,	105 00	
	<hr/>	\$161 56

SALE OF LOTS.

Whole number of lots sold to January 1, 1881,	390
" " " " " in 1881,	23
" " " " " to December 31st, 1881,	<hr/> 413

Total cash received for lots sold to	
January 1, 1881.	\$16,956 87
Total cash received for lots sold in 1881.	893 26
“ “ “ “ “ “ to De-	
cember 31. 1881.	————— \$17,850 13

INTERMENT RECORD.

Total interment in Lake View Cemetery to Jan. 1, 1881,	810
Original interments in 1881,	45
Removals to Lake View Cemetery, 1881.	5
	— 50
	—————
Total interments in Lake View Cem. to Dec. 31. 1881.	860

The occasion is a fitting one to acknowledge a very acceptable and permanent work upon a good portion of the drive-ways of Lake View Cemetery. Over *sixteen hundred* loads of gravel have been drawn, spread and rolled upon them. Heretofore they have been soft, sandy and difficult to keep in a satisfactory condition; but since this good coating of gravel, they have become hard and most acceptable to all who may desire to drive over them.

The gravelling extends from the main entrance to the vicinity of the fountain, farthest west, upon all the drive-ways. It is to be hoped that the remaining portion may, at some future day, be also gravelled and made complete like the larger portion referred to.

For this substantial and much needed improvement, we are solely indebted to the active and continued generosity of one of Burlington's most generous sons—John P. Howard.

During the past fall, Miss H. Louisa Howard expressed an earnest wish to erect, at her own expense, near the main entrance of the Cemetery, a stone chapel, of Gothic design.

and one creditable to its donor, and complete in all its appointments, as a free gift and memorial of her good will to the city of her nativity. Her wishes were communicated by the Commissioners to the City Council, and they most heartily approved thereof, directing that the necessary site, and the requisite facilities to further the project, be granted. Owing to the lateness of the season, before the necessary plans were obtained, coupled with the fact that all of our mechanics were actively pushed on buildings already under way; it was deemed advisable to postpone the building until the coming spring.

This most praiseworthy and generous act upon the part of Miss Howard will greatly adorn the Cemetery grounds. It will also prove upon many occasions a most convenient and desirable building wherein to perform the last rites of respect and affection to those departed loved ones who have gone to their rest.

The buildings, tools, implements, etc., connected with the Cemetery, are insured for \$2,400, the insurance having been paid in advance for five years.

It was found necessary to rebuild a portion of the south line fence of the Elmwood Cemetery, the removal of buildings by Mr. Mills, having made an opening. The expense thereof was \$22.62.

N. PARKER,	}	Cemetery
MORILLO NOYES,		
P. H. CATLIN,		
		Commissioners.

REPORT
OF THE
SUPERINTENDENT
OF
WATER WORKS.

COMMITTEE ON WATER DEPARTMENT:

Alderman BRINK, Chairman,
Alderman RICHARDSON,
Alderman MORSE.

To the City Council of the City of Burlington:

GENTLEMEN:—

The following is a statement of the receipts and disbursements of the Burlington City Water Works from January 1st, 1881, to January 1st, 1882:

RECEIPTS.

From G. D. Weller, City Treasurer,	\$10,504 28
------------------------------------	-------------

DISBURSEMENTS.

CONSTRUCTION.

Service pipes and fittings,	\$	285 62
Labor on services,		229 60
Hydrants,		405 00
Labor setting hydrants,		93 46
Cast iron pipe, lead, etc.,		114 13
Water boxes and caps,		91 06
Tools,		9 78
		----- \$ 1,228 65

CURRENT.

Pay-rolls for labor,	\$	626 91
Materials for management and repairs,		260 74
F. H. Parker, Superintendent, salary,		999 96
Office expenses,		35 17
Printing,		42 00
Strawing hydrants,		20 00
Horse keeping and cartage,		286 00
Repairing wash-outs,		57 03
Incidentals,		10 75
		----- \$ 2,338 56

PUMPING.

Pay-rolls,	\$	1,334 85
Additions and repairs to machinery,		447 44
Fuel,		4,505 60
Supplies, oil, packing, etc.,		193 78
Incidentals,		7 02
		----- \$ 6,488 69

METERS.

Union Water Meter Company,	\$	434 50
Freight and express,		10 45
Setting and repairs,		3 43
		----- \$ 448 38

RECAPITULATION.

Construction,	\$ 1,228 65
Current,	2,338 56
Pumping,	6,488 69
Meters.	448 38
	————— \$10,504 28

HIGHER SERVICE.

RECEIPTS.

From G. D. Weller, City Treasurer,	\$ 6.969 26
------------------------------------	-------------

DISBURSEMENTS.

Pay-rolls for labor trenching,	\$ 929 77
Repairing tools,	51 05
Labor blasting,	657 53
Powder, drills, fuse, etc.,	123 50
Hydrants,	225 00
Labor setting hydrants,	54 65
Valves,	75 64
Oakum and lead,	381 48
Pipe and castings,	66 30
Tank,	1,827 42
Tank-house and foundation,	298 90
Motor,	1,900 49
Vault for motor,	374 94
Tools and oil.	2 59
	————— \$ 6.969 26

We hereby certify that we have examined the accounts and vouchers of F. H. Parker, Superintendent, and find them correct.

SAMUEL A. DREW,	} Auditors.
A. B. LOWRY,	
MICAH H. STONE,	

WATER PUMPED.

1881.	GALLONS,
January,	17,570,784
February,	17,089,751
March,	17,691,531
April,	16,141,964
May,	16,959,308
June,	19,062,998
July,	19,809,962
August,	21,610,823
September,	21,706,621
October,	17,149,779
November,	16,012,745
December,	16,063,269
<hr/>	
Total water pumped in 1881,	216,869,535
“ “ “ “ 1880,	241,801,843
<hr/>	
Decrease in 1881.	24,932,308

The cost of maintaining the works the past year has been as follows:

Coal on hand January 1, 1881, 200 tons, \$	800 00
Current expenses,	2,338 56
Pumping expenses,	6,488 69
Interest on bonded debt,	14,694 00
	<hr/> \$24,321 25
Collections of water rates, 1881,	\$21,514 97
Uncollected water rates,	892 24
Coal on hand January 1, 1882, 400 tons, \$	2,000 00
	<hr/> \$24,407 21
<hr/>	
Surplus,	\$ 85 96

The forced use of coal for fuel at the pump house, has necessarily reduced the surplus obtained while shavings could be had.

CONSTRUCTION.

There have been added 38 services, 4 others changed to the higher service, and 1 from the higher to the lower service.

Fourteen hydrants have been set, 8 in positions as below, and 6 in connection with the higher service.

LOCATION.	KIND OF HYDRANT.
King and Champlain streets, s. w. corner.	Lang post.
Battery and King streets, s. w. corner.	" "
Battery and Maple streets, n. e. corner.	" "
College and Willard streets, n. w. corner.	" "
Collège and St. Paul streets, s. e. corner.	" "
Main and Willard streets, n. e. corner.	" "
Union and Spruce streets, n. w. corner.	" "
Champlain and Pearl streets, n. e. corner.	" "

The first two are in positions heretofore unprotected, the remainder replace under-ground hydrants.

The present number of public fire hydrants is 123, private, 20.

CURRENT.

The following is a list of repairs made: 5 leaks on services, 5 leaks on iron pipe, 12 leaks and 14 bursts on the cement pipe, exclusive of the damage done by lightning striking H. Melot's house, corner of Battery and North Bend streets, and passing off into the ground by the water pipe. At this time 5 lengths of 4-inch cement pipe were destroyed, and the pipe burst at 15 other points on Battery, Poplar and Champlain streets, as far as Cedar street. There have been replaced 155 wooden stop boxes, 5 hydrant boxes, 6 gate boxes, and 22 iron stop boxes set where sidewalks were to be flagged.

PUMPING.

The pumping machinery has been recently overhauled and is working very satisfactorily. The cost of running the pumps has been largely increased the past year owing to the scarcity of shavings, and therefore the forced use of coal for

fuel. The decrease in the amount of water pumped is accounted for by the fact that frequent rains during the summer rendered unnecessary a wasteful use of hose and lawn sprinklers.

As the pumping station is substantially the same as when built in 1877, I would suggest that its appearance might be made more creditable to the city, by the construction of a new coal shed. The present shed was intended as a cheap, temporary affair, built of wood and located on the wrong side of the works, which necessitates the moving of coal in barrows quite a distance, in all kinds of weather. A fire-proof shed located next the boilers would save a great deal of unnecessary work, the appearance of the station would be improved and danger from fire avoided.

If it is the intention of ever extending the pumping main, I would suggest that as the government engineers are now engaged in a northerly extension of the breakwater, arrangements could doubtless be made with them to leave an opening for the main, thereby avoiding the expense of trying to get through that structure at some future day.

METERS.

The number of meters in present use is 67, an increase of 32 over last year; of these, 10 are owned by the city and 57 by individuals.

The use of meters in other cities is becoming quite general. In the following, the percentage of consumers using meters is: Fall River, 62 per cent; Providence, 45 per cent; Pawtucket, 50 per cent, and Worcester, 72 per cent.

Although the meter rates paid by some are somewhat less than their former schedule rates, it is quite noticeable that on premises supplied with water by meter, leaky fixtures are not tolerated, and midnight showering of lawns and vegetable gardens is not indulged in.

HIGHER SERVICE.

Work on the higher service was resumed April 12th, and tank and motor with connections being finished, the motor was started June 23d. The various other connections were made later in the season. The motor continues to work satisfactorily, keeping up the supply by working one way. During the summer when the pumps ran nights, the motor worked days, and now while the pumps run days, the motor works nights. By this means a continuous current, into or out of the tank, is assured and danger of freezing avoided. The fact that a machine of the size of the motor should work so easily, under so slight a head, has been a matter of the greatest surprise to all the experts who have visited it, and its designer has received the highest praise for his novel and ingenious application of principles, and accurate proportioning of the various parts.

The following hydrants have been set in connection with this extension :

LOCATION.	KIND OF HYDRANT.
College and Prospect streets, s. w. corner.	Lang. Post.
Main and Prospect streets, s. w. corner.	" "
Prospect, near Maple street, w. side.	" "
Prospect, near Mr. Cannon's, e. side.	" "
University Place, at s. line University lot, e. side.	" "
University Place, n. of University Library, e. side.	" "

The first three replace underground hydrants that were connected with the lower service, and the three others are in positions heretofore unprotected.

The hydrant on the s. w. corner of Pearl and Prospect streets, the Mary Fletcher Hospital, the University of Vermont and 17 residences are also supplied with water from this extension.

The cost of the higher service has been as follows :

Cash disbursed, 1880,	\$10,151 27	
“ “ 1881,	6,969 26	
	—————	\$17,120 53
Less pipe sold,	\$ 127 00	
“ “ on hand,	145 56	
	—————	\$ 272 56
Net cost,		\$16,847 97

It is no disparagement to Mr. Torrey that the total cost of the work has exceeded his preliminary estimates. Various alterations of detail have been made, which have increased the expense. The best of materials have been used, and it has been the aim to do the work thoroughly and make it of a lasting character. This extension was regarded by many as a costly experiment, calculated to draw fabulous sums from the City Treasury, before achieving even partial success. Its cost is a definite matter ; as to its success, we will leave for those to say who enjoy its benefits.

I am under renewed obligations to the Water Committee for their interest in the workings of the Department.

Respectfully submitted,

F. H. PARKER.

Superintendent.

FIRE DEPARTMENT.

COMMITTEE.

Alderman GEO. H. MORSE, Chairman,
Alderman W. H. BRINK,
Alderman H. E. SIBLEY.

CHIEF ENGINEER.

A. S. DREW.
Residence, 118 Cherry Street.

ASSISTANT ENGINEERS.

ALEX CROSBY.
Residence 52 Battery Street.

L. C. GRANT.
Residence, American Hotel.

J. B. SMITH.
Residence, Rooms Burritts' Block, Church Street.

DAVID WALKER.
Residence, 190 Colchester avenue.

REPORT
OF THE
CHIEF OF FIRE DEPARTMENT.

To the Mayor and Board of Aldermen :

GENTLEMEN :—

In accordance with City Ordinance I present the 17th annual report of the condition of the Fire Department. The efficiency of the Department is in every respect equal to any emergency likely to arise. The force is the same as in previous report, and the Department Houses remain the same—*no credit to the City.*

HOSE.

One thousand feet unlined linen hose, made of the strongest fifteen ply unbleached Scotch yarn, *imported*, has been purchased and distributed as follows: 500 feet to Howard Hose Co. No. 5, and 500 feet to Barnes Hose Co. No. 7. This quality of hose for the above companies named seemed to be the best adapted for their use, as they have no hose tower or conveniences for caring for other qualities.

HYDRANTS.

Five new hydrants have been added, total 143, including 20 private ones.

ANNUAL PARADE

was ordered Sept. 23rd, but on account of the death of President Garfield, was postponed to Sept. 30th. On that day all the

companies were represented, both regular and volunteer, also Adirondack Hook and Ladder Co. and Sawyer Engine Co. from Au Sable Forks, N. Y., were represented, and all made a fine display.

THE FIRE ALARM TELEGRAPH

seems to be gaining popular favor. Four (4) boxes have been added, making total 19 with $8\frac{1}{2}$ miles of wire. This would seem to be nearly complete. However, a few more boxes might be placed to advantage, and I trust the day is not far distant when the system will be complete, for it is apparent that every fire proves the value of the system. Complaint has been made that the fire alarm bell has not power enough, as the firemen in the north part of the City are at times unable to hear it. It seems to me that if an effort was made by your Honorable Body, some means might be brought to further the claims of the firemen in regard to it. I would suggest that a committee be appointed to confer with the representatives of the several fire insurance companies, asking a helping hand, which they can well afford to do.

OFFICIAL DIRECTIONS

to key-holders of the fire alarm signal boxes: Key holders changing their place of residence are requested to return keys to Chief Engineer of Fire Department. Under no circumstances will key holders transfer their keys to other parties or other locations. Never give an alarm from any box for a fire seen at a distance: give an alarm only from box nearest the fire. On opening a box for the purpose of giving an alarm, if you hear the small bell inside striking, it indicates that an alarm has been given from some other box; in such cases wait until the striking of small bell is ended before you pull the hook.

SPECIAL DIRECTIONS.

- 1st. Keep your key in a safe and convenient place.
- 2nd. Be sure that there is a fire before sounding an alarm.

3rd. Do not send in an alarm for a fire very distant from your box.

4th. Pull the hook gently all the way down and then let it go.

5th. After pulling the hook wait at the box to direct the firemen to the fire, also to prevent malicious persons from causing a second alarm, and to receive the key when released.

6th. Complaints concerning boxes, wires or poles, must be sent to Prof. A. Adsit, electrician.

REGULAR FORCE.

The Department, for a volunteer one, can not be excelled, and the apparatus is in the best possible condition with but two exceptions. Hook and Ladder truck needs slight repairs, which have been ordered. Also Ethan Allen Engine Company is greatly in need of a new hose carriage with modern improvements. Their cart has been in constant and hard service for more than twenty years, and is now found in very poor condition, and I am sure the company's good record merits your attention in regard to same. The officers and members of the several companies have used every effort to make their part of the service efficient: have responded promptly to alarms, obeyed orders cheerfully, and are entitled to all the credit given them.

VOLUNTEER FORCE.

This part of the service seems to have advanced since my last report. Volunteer Hose Company, No. 1, have had a hose carriage built to their order by ASSISTANT CHIEF CROSBY; have purchased a horse and swing harness, and now have every thing complete to do first-class service. They have done their part cheerfully and promptly. W. N. Greene Hose Company, No. 8, have had their handsome hose cart remodelled, and also have a horse, swing-harness, and promise quick time (as was shown at recent fires). The advantages of all these improvements are obvious, and I hope in my day to see the regular force as well equipped.

TABLE OF FIRE ALARMS, SHOWING DATE, BOX, PROPERTY AND ORIGIN.

DATE.	BOX.	PROPERTY.	ORIGIN.
February 2nd...	No. 41	False alarm.....	Unknown.....
" 17th...	" 32	Jeremiah O'Brien's barn.....	Explosion of lamp.....
" 22nd...	" 35	Edward Willis's barber shop.....	Caught from a forge.....
March 19th.....	" 42	Shed belonging to and adjoining the marble works of H. M. Phelps.....	Burning of brush.....
" 28th.....	" 45	Rear of Brush Factory.....	Defective chimney.....
April 8th.....	" 52	House on King street, belonging to Vilas's estate.....	Unknown.....
" 11th.....	" 45	Shepard & Morse mill.....	Chimney.....
May 3rd.....	" 45	House on Battery street.....	Falling of lamp.....
" 11th.....	" 42	A. Boutin's store.....	Caused by chemicals.....
June 3rd.....	" 15	University.....	Explosion of lamp.....
" 21st.....	" 42	M. V. B. Weeks's store.....	Unknown.....
July 11th.....	" 23	Clovis Lavelle's barn.....	Slaving shed.....
" 13th.....	" 46	Pioneer shops.....	Supposed sparks from locomotive.....
September 24th.	" 46	Linsley's mill.....	Boiler explosion.....
October 4th.....	" 42	H. M. Phelps's marble works.....	Boiler over-heated.....
" 7th.....	" 45	Canal boat at Linsley's dock.....	Over-heated stove.....
" 17th.....	" 32	J. J. Thompson's store.....	Unknown.....
November 1st.....	" 15	False alarm.....	Chimney.....
" 6th.....	" 32	Mr. Barney's house on Cedar street.....	Over-heating barrel of tar.....
" 20th.....	" 45	Shepard & Morse's store house.....	Over-turning of lamp.....
December 21st.....	" 46	S. C. Kimball & Co's dry house at Pioneer shops.....	
" 22nd.....			

It will be observed that the Department has responded to 22 alarms—2 being false (box 15 and box 41)—the same number as year 1880. All buildings suffering from fire were insured with one or two exceptions, the total amount of insurance paid on property destroyed being \$308.35.—an amount unprecedented. I do not hesitate to challenge an equal showing from any city of its size. The City has been remarkably free from large fires during the past year, a fact largely due to the promptness with which alarms have been sounded and the promptness with which the firemen have, to the property endangered, responded.

In conclusion, I return thanks to the officers and members of the regular and independent hose companies, and Hook and Ladder company, for their untiring efforts to maintain discipline and efficiency in the Department and aid given me in the discharge of my duties, also to Assistant Engineers Crosby, Grant, Smith and Walker, and Committee on Fire Department Messrs. Morse, Brink and Sibley.

All of which is respectfully submitted.

A. S. DREW.

Chief Fire Department.

COMPANY STATISTICS.

HOOK AND LADDER COMPANY, NO. 1.

Foreman, GEO. MURPHY.

1st Assistant, P. H. FITZSIMMONS. 2d Assistant, MICHAEL MOORE.

3d Assistant, PETER MILLER, JR. Clerk, JOHN McAVOY.

Treasurer, E. M. SUTTON. Auditor, PETER MARENGO, JR.

Steward, A. GUYETTE.

MEMBERS :

Butler, Patrick	Foley, John	Miller, Louis
Bresnihan, John	Goodwin, Thos.	Martin, Louis
Connolly, Daniel	Hayden, Jas.	Mitchell, John
Chiotte, Henry	Hudson, Geo.	Powers, Wm.
Collins, Matthew	Heffron, Martin	Perrault, Henry
Croto, Alex.	Hogan, Patrick	Pilkey, Joseph
Croto, Joseph	Johnson, Wm. L.	Quinn, John, Jr.
Contoir, Louis	Kelly, Michael	Russell, Thomas
Cunningham, Michael	Kennedy, Samuel	Riley, John
Denning, Wm.	Latour, Wm.	Sullivan, John
Delibac, Moses	Lovejoy, Stephen	Shambo, Chas.
Duggan, Richard	McCarty, John	Sheridan, John
Dunn, Wm.	Miller, Alex.	Welch, Thomas
Doxey, Alfred	Miller, Stephen	Watson, Wm.
Daley, John	Miller, Peter	
Daley, H. L.	Miller, Peter, Jr.	

CITY PROPERTY IN CHARGE OF HOOK AND LADDER CO.

1 truck, 2 iron bars, 2 torches, 2 forks, 6 roof chains, 4 guy ropes, 1 hammer, 1 wrench, 1 iron jack, 4 axes and pouches, 2 big hooks and 120 feet rope, 150 feet rope, 4 lanterns, 1 65-foot extension ladder, 1 58-foot splice ladder, 1 38-foot ladder, 1 24-foot ladder, 1 20-foot ladder, 2 19-foot ladders, 2 17-foot ladders, 1 15-foot ladder, 6 14-foot roof ladders, 7 pikes, 10 braces, 2 side lamps, 1 head lamp, 1 coal stove and pipe, 1 whip, 1 set double harness, 1 extra set whiffletrees, in truck room and in good order.

In meeting room, 2 chairs, 13 settees, 1 wood stove and pipe, 3 tables, 13 spittoons, 1 broom, 1 snow shovel, 1 feather duster.

STAR HOSE COMPANY, NO. 2.

Foreman, GEORGE E. COWLBECK.

1st Assistant, LOUIS PINE.

2d Assistant, LOUIS WELCOME.

Clerk, PATRICK T. MEAGHER.

Treasurer, ALPHONSE H. DUHAMEL.

Auditor, LOWELL C. GRANT.

MEMBERS :

Bedard, Felix	Liberty, Hector	Riley, William
Corrigan, Thos.	McGowan, Cumel	Sequin, Louis
Cota, Chas. H.	McGowan, Elton	Sheridan, John
Dougherty, Fred	McGowan, William	Spear, Henry E.
Dyon, Sol.	Muir, Charles	Stannard, Jedson C.
Hayes, Will. E.	Murphy, Thos. H.	Thompson, John J.
Labrake, Ed.	O'Connell, Jas.	Wright, George E.

CITY PROPERTY IN CHARGE OF STAR HOSE COMPANY.

1 cart service pipe, 1 small practice pipe, 3 axes, crow-bar, hydrant wrench, 500 feet of linen hose, 2 whiffletrees, 4 rubber coats, 1 monkey wrench, 8 spanners, 6 ladder straps, 3 side lamps complete, 1 table, 3 arm chairs, 3 settees, 1 drinking cup, 2 oil cans, 1 broom, 2 patent hydrant wrenches (not in use), $\frac{1}{2}$ cord of wood, $\frac{1}{4}$ ton of coal, chamois skin, 1 patent hose patch, dust pan, sponge and pail.

BOXER ENGINE COMPANY, NO. 3.

Foreman, THOS. E. DOOLEY.

1st Assistant, F. C. KNOX.

2d Assistant, GEO. MATTHEWS.

Clerk, ED. A. BATTISE.

Treasurer, PATRICK RITCHIE.

Auditor, D. E. FLYNN.

MEMBERS :

Brooks, C. E.	Kelley, T. H.	Mulqueen, John
Battise, Ed. A.	Knox, F. C.	Mulqueen, Israel
Brown, Wm.	Lane, H. S.	Munson, Geo.
Bradley, James E.	Leonard, J. E.	Murphy, T. E.
Brothers, Frank	Matthews, Geo.	O'Brien, Michael
Crocker, Ed.	Matthews, Jas.	O'Brien, Jerry
Crosby, Alex.	Malloy, Michael	Ritchie, Pat.
Clark, C. F.	McCulliffe, Wm.	Rush, L. J.
Dooley, T. E.	McDonald, John	Shortsleeves, Fred
Daly, W.	McLaughlin, Martin	Sullivan, J. J.
Dowd, J. E.	Mitchell, Dan.	Vancor, Emerson
Dunn, Wm.	Mitchell, Jacob	Wardlow, J. W.
Flynn, D. E.	Miller, Joseph	White, Jas.
Frenier, Henry	Miller, John	Witherell, Ira J.
Gilman, Henry	Morrison, J. B.	Winters, Wm.

CITY PROPERTY IN CHARGE OF BOXER ENGINE COMPANY.

1 hand engine, "Hunneman manufacture," 2 play pipes, 4 fire buckets, 2 axes, 1 crow-bar, 3 spanners, 1 oil can, with engine: 1 hose cart, 1,000 feet of hose, 1 fire pipe, 1 axe, 1 crow-bar, 2 rubber coats, 2 rubber caps, 3 ladder straps, 3 hose patches, 11 spanners, 2 hydrant wrenches, 1 oil can, monkey wrench, with cart; 1 wood stove, 1 coal stove, 1 hod, 1 coal shovel, 11 settees, 6 chairs, 2 tables, 9 spittoons, 2 chamois, 1 dust pan, 2 sponges, 1 pail, 1 broom, 1 feather duster, 1 snow shovel.

ETHAN ALLEN ENGINE COMPANY, NO. 4.

Captain, W. H. LANE, Jr.

1st Assistant, J. VAN SICKLEN.	2d Assistant, F. H. WELLS.
Secretary, GEO. E. JOHNSON.	Treasurer, F. L. TAFT.
President, CHAS. E. MINER.	Vice-President, J. W. RUSSELL.
Auditors, J. E. PECK, B. J. DERBY, F. E. PERKINS.	

MEMBERS :

Adsit, E. S.	Hendee, W. F.	Rogers, T. P. W.
Atwood, L. A.	Hill, H. R.	Russell, J. W.
Allen, J. B.	Holmes, G. W.	Roberts, R.
Bowman, W. F.	Isham, W. C.	Smith, C. P.
Brownell, C. W., Jr.	Johnson, Geo. E.	Storrs, O. S.
Burnap, W. L.	Johnson, S. E.	Storrs, C. F.
Burnham, C. A.	Johnson, S. M.	Strong, A. G.
Burritt, E. W.	Kern, Dan, Jr.	Simonds, A. B.
Berry, M. C.	Lamora, John	Taft, F. L.
Bellrose, J. G.	Lamora, Oliver	Tanner, J. D.
Chambers, G. N.	Lane, W. H., Jr.	Townsend, C. E.
Clark, H. N.	Lord, G. M.	Van Buskirk, I.
Clark, C. H.	L'Heureux, Geo. H.	Van Sicklen, J.
Clark, E. M.	Lucas, Ed. F.	Walker, Solomon
Conant, A. F.	Lucas, F. E.	Walker, Hiram
Converse, F. K.	Manor, E. P.	Ward, C. F.
Derby, B. J.	Miller, J. W.	Ward, F. W.
Drew, A. S.	Miner, C. E.	Ward, H. L.
Duncan, C. W. H.	Morrill, M. R.	Webb, A. S.
Ferguson, W. F.	Murray, Moses	Weller, W. E.
Ferguson, C. H.	Parker, E. C.	Wells, Edward
Faulkner, W. M.	Pease, Fred S.	Wells, F. H.
Fisher, F. H.	Peck, John E.	White, Napoleon
Gates, A. E.	Percy, A. N.	Whitney, C. H.
Griffin, L. J.	Perkins, F. E.	Wilkins, F. H.
Hall, W. E.	Powers, C. H.	Zottman, W. H.
Hall, E. S.	Reed, H. L.	
Hecklinger, Chas.	Reynolds, W. G.	

CITY PROPERTY IN CHARGE OF ETHAN ALLEN ENGINE CO.

1 engine, 1 hose cart, 750 feet hose in good condition, 350 feet hose in poor condition, 2 pipes, 10 spanners, 4 ladder straps, 2 pipeman's hats, 2 hydrant wrenches, 1 crow-bar, 1 axe, 3 patches, 2 pipes, 1 extra nozzle, 3 oil cans, 1 duster, 1 pail, 3 brushes, 1 monkey wrench, 1 stove, 1 oil pump, 32 gallons neats foot oil, 1 indicator.

HOWARD HOSE COMPANY, NO. 5.

Foreman, MILO C. GRATON.

1st Assistant, JOSEPH McDONALD. 2d Assistant, W. P. MURPHY.
 Auditor, A. A. DREW. Trustee, J. BLACK.
 Clerk and Treas., THOS. COFFEY. Steward, OWEN McGRATH.

MEMBERS:

Carlin, J.	Harrington, W. E.	McGrath, Wm.
Cosgrove, Hugh	Laprise, C.	Morrison, A.
Dennin, J. S.	Manging, Wm.	Morrison, T.
Dolan, C. L.	Marks, J. H.	Murray, C. S.
Gainey, J. J.	McDonald, J. M.	Phalen, Wm.

CITY PROPERTY IN CHARGE OF HOWARD HOSE CO.

1 hose cart, 500 feet new hose, 450 feet old hose, 10 spanners, 1 pipe, 1 axe, 1 cross bar, 2 rubber coats, 1 whiffletree, 1 monkey wrench, 1 hydrant wrench, 2 hose patches, 4 ladder straps, 1 goose-neck, 2 water pails, 1 sponge, 2,200 pounds coal, 5 pounds waste, 3 lanterns, 4 couplings, 18 lengths stove pipe, 5 elbows, $\frac{1}{4}$ cord wood, 1 oil can, 1 coal hod, 1 shovel, 1 dustpan, 1 poker, 6 curtains, 2 stoves, 1 shaker.

CLIPPER HOSE COMPANY, NO. 6.

Foreman, JOHN W. LOUTHER.

1st Assistant, PETER CAYO. 2d Assistant, LABAN WILLIAMS.
 Treasurer, JOHN L. MURDOCK. Clerk, LABAN WILLIAMS.
 Auditor, GEORGE OLMSTEAD.

MEMBERS:

Bernor, Joseph	Lemaire, Frank	Murdock, J. L.
Breior, Frederick	Lemaire, Joseph	Ploof, Joseph, Jr.
Cayo, Peter	Louther, J. W.	Poirrier, Joseph
Croto, Julius	Mayo, Israel	Williams, Laban
Garrow, William	McBeth, James	
Kirby, Charles E.	McBeth, Joseph	

CITY PROPERTY IN CHARGE OF CLIPPER HOSE CO.

1 hose cart, 500 feet hose, 1 pipe, very poor, 1 goose-neck, 1 axe, 1 crow-bar, 1 whiffletree, 3 lanterns, 2 rubber coats and caps, 6 spittoons, 4 settees, 5 chairs, 1 table, 1 stove and pipe, 1 cupboard.

BARNES HOSE COMPANY, NO. 7.

Foreman, WILLIAM G. HUDSON.

1st Assistant, H. R. THOMAS.

2d Assistant, M. CROWLEY.

Clerk, M. J. CONWAY.

Treasurer, JOHN FINNERAN.

Trustee, A. S. DREW.

MEMBERS :

Ahearn, T. F.	Hathaway, A. T.	Sharpley, F.
Carney, W.	Henry, J.	Shea, J. J.
Conway, M. J.	Hudson, A.	Shehan, J.
Corrigan, John	Hudson, William G.	Shepard, R.
Crowley, M.	Lynch, E.	Thomas, H. R.
Finneran, John	McCarty, W.	Wakefield, J.
Gill, F.	Neal C.	Waters, J. H.
Hallahan, J.	Neil, G.	Welch, M.
Hallahan, L.	Newton, W.	Welch, R.
Hathaway, A. J.	Shanley, J.	Wormet, L.

CITY PROPERTY IN CHARGE OF BARNES HOSE CO.

500 feet of linen hose, new, 400 feet of rubber-lined hose in poor order, city cart in good order and fully equipped, 1 stove and poker, 1 coal hod, 2 rubber coats, 2 caps, 1 iron shovel, 2 ladder straps, 2 leather patches, 1 hydrant valve, 3 chairs, 3 settees, 2 lamps, 6 spanners, 1 prize cart, 1 champion Caswell pipe and coupling.

INDEPENDENT.

UNATTACHED TO THE CITY FIRE DEPARTMENT.

VOLUNTEER HOSE COMPANY, NO. 1.

Foreman, H. R. CONGER.

1st Assistant, JOEL LINSLEY.

2d Assistant, G. C. MAYO.

Clerk, W. P. NELLIS.

Treasurer, F. W. BURRITT.

Auditor, W. W. SCOTT.

MEMBERS:

Burton, D. N.	Henderson, J. B.	Nellis, W. P.
Barton, Jo. F.	Henderson, E. F.	Powers, M. W.
Burritt, F. W.	Humphrey, H. C.	Quinn, Wm.
Blair, W. J.	Johnson, M. W.	Riley, J. E.
Barnes, L. K.	Johnson, A. W.	Stone, W. L.
Conger, H. R.	Laduke, G. L.	Scott, W. W.
Clapp, J. A.	Leprond, M.	Spicer, M. H.
Cutler, T. C.	Linsley, Joel	Shortsleeves, N. B.
Conner, C. A.	Mayo, G. C.	Sherburne, Chas. E.
Coon, H. N.	Murray, C. A.	Strong, R. C.
Donaldson, J. A.	Murray, F. L.	Taylor, A. J.
Foster, C. E.	Maloney, J. F.	Van Steinburg, C. E.

PROPERTY.

One-horse hose carriage, one horse, swing harness, 1,250 feet unlined linen hose, spanners, wrenches, etc., ready for use.

WALTER N. GREENE HOSE COMPANY, NO. 8.

Foreman, T. A. TAFT.

1st Assistant, C. HICKS.

2d Assistant, A. C. TAFT.

Secretary and Treasurer, HOBART J. SHANLEY.

MEMBERS :

Allen, W. H.	Gordon, E. F.	Pattridge, Frank
Austin, A. S.	Goodall, J. F.	Russell, W. J.
Bracken, Chas.	Hatch, W. C.	Seymour, M. C.
Boynton, F. B.	Hicks, C.	Shanley, H. J.
Colbeth, J. E.	Lyon, Edward	Smith, C. M.
Cull, Geo. C.	Morse, G. W.	Taft, T. A.
Deyette, Geo.	Marshall, F. W.	Taft, A. C.
Farmer, Frank	Marsh, Lorin	Weaver, H. K.
Failey, Geo.	Nero, John	
Griffin, J. W.	Ostrander, B. F.	

PROPERTY.

1,000 feet hose, hose cart, horse, swing harness, spanners, wrenches,
etc.

REPORT

OF THE

CHIEF OF POLICE.

*To the Honorable the Mayor and the Aldermen of the City
of Burlington :*

GENTLEMEN :—

I respectfully submit my report for the year
ending December 31st, 1881 :

Whole number of arrests made by the Police Department
during the year, 570 : which may be classified as follows :

Intoxication (without warrant),	148
“ (with “ “),	123
Selling liquor (first offence),	115
“ “ (second “ “),	4
Furnishing liquor to habitual drunkard,	3
Keeping liquor with intent to sell,	17
Keeping nuisance,	6
Breach of the peace,	67
Petit larceny,	20
Grand larceny,	14
Burglary and larceny,	3
Violating City ordinance,	6
Breaking jail,	7
Cruelty to animals,	3
Embezzlement,	2
Prostitution,	7
Illicit cohabitation,	2
Receiving stolen goods,	3

Open and gross lewdness,	6
Vagrancy,	3
Impeding and assaulting officer,	6
Selling diseased meat,	1
Highway robbery,	2
Murder,	1
Keeping house of ill-fame.	1
Total,	<hr/> 570

Of those arrested 471 are males and 99 females; 97 Americans, 7 English, 245 French, 214 Irish, 7 colored.

During the year the lodgers in the Police Station were as follows: Irish, 155; French, 76; American, 66; Austrian, 4; Scotch, 1; English, 1; unknown nationality, 6. Total, 309. Decrease from 1880, 132. Lodgers for each month: January, 34; February, 51; March, 89; April, 35; May, 5; June, 8; July, 4; August, 13; September, 3; October, 3; November, 24; December, 40.

There have been taken to the House of Correction from this City 62 prisoners—51 males and 11 females: to the Reform School, 3—2 girls and 1 boy: to State Prison, 1 man.

Sixty search warrants for liquor have been served.

The whole number of policemen is 60,—of whom 6 are regular, 10 special, and 44 local, at lumber yards, shops, cemeteries, etc.

As the result of arrests mentioned above, there has been paid, in fines and costs, the past year, into the County Clerk's office, \$2,902.62; into the City Treasury, \$621.13. Increase over 1880, \$1,041.57.

The expenses of the Police Department for the year have been as follows: First quarter, \$742.00; second quarter, \$918.08; third quarter, \$990.00; fourth quarter, \$921.00. Total, \$3,571.08.

There are no prisoners in the jail chargeable to the City.

L. A. DREW,
Chief of Police.

REPORT
OF THE
HEALTH OFFICER.

To the Honorable City Council :

GENTLEMEN :—

I herewith present my report of the affairs of this office, for the year 1881, including the vital statistics, a table of meteorology, and the City physician's report for the last half of the year.

HEALTH OF THE CITY.

We have been noticeably exempt from the prevalence of diseases of a contagious character, or such as are liable to become epidemic, during the year 1881. The number of deaths caused by the most prominent of this class of diseases, and which have prevailed here to any extent, during the last few years, diphtheria, whooping-cough, typhoid fever and scarlet fever, was only eleven altogether, in 1881—a very small number, for a city of this size. The number and result of all the diseases of the zymotic class, or such as are preventable, and more or less under the control of sanitary measures, has also been exceedingly favorable, for this year, and the fatality from these diseases has been steadily decreasing for the last four years, with the greatest decrease in this year. In 1878 the number of deaths in this class was fifty-six ; in 1879, fifty-four ; in 1880, fifty ; while in 1881, it was only thirty-six. These years are compared, partly because during this period we have had a perfected registration system, by which statis-

tics have become reliable, but more especially because it is an encouragement, and a sufficient argument, for a continuance of public improvements, all of which are, in some degree, sanitary, and for the cordial support by the citizens of a health department, for their own protection.

The year 1881, as was also the previous year, is noteworthy for the gratifying fact, that not a single case of small-pox has been known in the City. This is the more remarkable, because this disease has been spreading and increasing throughout our country, during these two years, to that extent, that at this writing (January, 1882), it is declared by the National Board of Health to be epidemic throughout the United States: and because this City is particularly exposed, by its ready communication with our own larger cities, and those of Canada, both by land and water. In view of these circumstances, and as a precautionary measure, upon consultation with his Honor the Mayor, I began, about the 1st of December, free public vaccinations, and the work is now being rapidly pushed forward, throughout the City, by a sufficient medical force, with reliable bovine virus.

I would suggest to your Honorable Board, the propriety of providing an ambulance, for use in case of accidents, and for the ready, safe and comfortable conveyance of patients to the Hospital and Alms House.

NUISANCES.

The following summary shows the character and number of the nuisances, and sources of disease, for the abatement of which examinations have been made and orders issued, during the year 1881:

Drains, foul,	13
Slaughtering without license,	1
Cellars, foul,	2
Rubbish, heaps of,	10
Privies, foul,	13
Hogs, and hog-pens, removal of,	4
Manure, heaps of,	11

Fish market, unclean,	1
Yards, filthy,	4
Street gutters, obstructed,	1
Houses, filthy,	1
Sewers, foul,	1
Dead horse in lake,	1
Cess-pools, foul,	1
	<hr/>
Total,	64

Besides these, many examinations have been made where it was not found necessary to issue an order. Very few complaints have been made during the year of the keeping of swine. In only four instances has my attention been called to the keeping of them as nuisances. For the removal of one, legal measures were resorted to. The others were removed upon request. Doubtless a larger number have been kept in violation of the order issued from this office the year previous, but in so careful and quiet a way, that complaints have not been made. Foul privies and foul drainage take the lead as nuisances, as they will continue to, until our system of public sewers is completed. In the case of the dumping of a dead horse into the lake, suit was instituted, a fine paid, and the animal removed from the lake and buried.

BURIAL PERMITS.

Burial and removal permits have been issued from this office, during the year 1881, showing the disposition of the bodies of the dead, as follows:

For burials in the Roman Catholic Cemeteries,	164
“ “ and entombments in Lake View Cemetery,	52
“ “ in Green Mount Cemetery,	13
“ “ “ Elmwood Avenue Cemetery,	21
“ “ “ private grounds,	3
“ removals from the City,	32
“ “ within the City,	8
	<hr/>
Total,	293

There was one violation of the City ordinance requiring burial permits, during the year, for which a fine was paid into the City treasury.

REPORTS OF CONTAGIOUS OR INFECTIOUS DISEASES.

The following table shows the disease, season, and number of cases of contagious or infectious diseases, reported to this office, by physicians and others, as required by City ordinance, during the year 1881:

DISEASE.	SEASON.												
	Jan.	Feb.	Mar.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Total.
Diphtheria.....	7	...	...	...	...	4	1	3	...	1	6	...	22
Scarlet Fever.....	4	...	1	3	9	1	3	...	...	...	...	3	24
Typhoid Fever.....	...	...	...	...	...	...	...	...	...	...	3	...	3
Total.....	11	...	1	3	9	5	4	3	...	1	9	3	49

EXPENSES OF THE HEALTH DEPARTMENT.

For 266 burial permits, issued by the Health Officer,	\$ 66 50
“ 563 certificates of deaths and births,	140 75
“ postage and stationery,	12 90
“ vaccine virus,	4 00
“ 98 public vaccinations,	24 50
“ inspections,	9 00
“ printing vital statistics,	25 00
“ “ monthly reports,	18 00
“ advertising,	4 00
“ salary of Health Officer,	200 00
Total,	\$504 65

ANALYSIS OF THE VITAL STATISTICS.

During the year 1881, there were eighty-seven marriages, three hundred and fifty-four births, and two hundred and twenty-six deaths, including twenty-one still-births. The excess of births over deaths shows an increase in the population

of one hundred and twenty-eight, by these natural events. As compared with the year 1880, there were six less marriages, forty more births, and seven more deaths in 1881.

MARRIAGES.

The population by the United States census of 1880 being 11,364, the ratio of persons married during the year, to the whole population, was one in 65.31.

Season.—There were eleven (11) marriages in the first quarter of the year; nineteen (19) in the second; twenty-eight (28) in the third, and twenty-nine (29) in the fourth. Thus it will be seen that the largest number occurred, as usual, in the fourth quarter, that is in the holiday season. The largest number in any one month was thirteen (13) in November; the smallest was three (3) in January.

Nativity of the parties.—The marriages of parties of American birth constitute about three-fourths of the whole: that of grooms being just this proportion, and of brides, a little less. Of the remainder, seventeen (17) grooms, and twenty-two (22) brides, were born in Canada, and the balance in Ireland and other countries.

Marriage Ceremony.—Forty-six (46) were married by Protestant clergymen, thirty-nine (39) by Roman Catholic priests, and two (2) by a justice of the peace.

BIRTHS.

There were three hundred and fifty-four (354) births during the year 1881, or forty (40) more than in 1880. Births of four (4) colored children; twelve (12) illegitimate children: nine (9) twin births, and twenty-one (21) still-births are included in the number. The proportion of live births to the population (11,364), was one in 34.12.

Sex.—The number of male children was one hundred and seventy-two (172), and of female children, one hundred and eighty-two (182), or ten (10) more females than males.

Parentage.—Of the fathers, one hundred and ninety-two (192) were born in the United States; ninety-four (94) in

Canada; thirty-nine (39) in Ireland; ten (10) in other countries; and of twelve (12) the birth-place was unknown. Thirty-five (35) more mothers than fathers were born in the United States: seven (7) *less* in Canada; eleven (11) *less* in Ireland; and seven (7) *less* in other countries.

Season.—The largest number of children, ninety-seven (97), were born in the second quarter of the year; the next largest, ninety-six (96), in the fourth; the next, eighty-four (84), in the third; and the smallest number, seventy-nine (79), in the first quarter. The greatest monthly number, forty-two (42), was in April; the smallest, twenty-two (22), in the months of January and July each.

Locality.—The greatest number of children, one hundred and thirty-seven (137), a little more than three-eighths of the whole, were born in the Third Ward, and the smallest number, twenty-four (24), in the First; sixty-seven (67), in the Second; sixty-five (65), in the Fourth; and sixty-one (61), in the Fifth.

Twin-births.—There were nine (9) of these cases, or one in thirty-eight and one-third cases of births, which is a very large proportion.

Age of Mothers.—There were twenty-seven (27) children, the largest number, born by women whose age was twenty-four years. The youngest woman bearing a child was fifteen years of age; the oldest forty-seven. Thirteen (13) were born by women eighteen years of age and under, and seventeen (17) by women forty years of age and over.

DEATHS.

There were two hundred and twenty-six (226) deaths, including twenty-one (21) still-births, during the year 1881, seven (7) more than in 1880. There were five (5) deaths of colored persons. The population by United States census of 1880 being 11,364, the ratio of deaths, excluding still-births, is 18.04 to 1,000 inhabitants, or one death in 55.43 of the population.

Season.—The greatest number of deaths, seventy-five (75), was in the third quarter, or hot months of the year, and the smallest, forty-three (43), in the first. The greatest monthly mortality was thirty-two (32) in July, and the least ten (10) in February.

Sex.—There were deaths of ninety-nine (99) males, and of one hundred and twenty-seven (127) females.

Age.—There were eighty-seven (87) deaths, including twenty-one (21) still-births, of children under one year of age, or 38.49 per cent of all deaths: twenty-five (25) of children one year and under five years, or 11.06 per cent of all; twenty-two (22) of persons five and under twenty, or 9.73 per cent of all; thirty-six (36) of persons twenty and under fifty, or 15.93 per cent of all; twenty-three (23) of persons fifty and under seventy, or 10.17 per cent. of all; and thirty-three (33) of persons seventy and over, or 14.60 per cent. of all.

Locality.—In the First Ward, the number of deaths was twenty-three (23); in the Second, thirty-eight (38); in the Third, seventy-one (71); in the Fourth, fifty (50); and in the Fifth, forty-four (44). In the First Ward, by the difference between the births and deaths, the population was increased one (1); in the Second, twenty-nine (29); in the Third, sixty-six (66); in the Fourth, fifteen (15); in the Fifth, seventeen (17).

Social Relations.—One hundred and forty-eight (148) of the deaths, including twenty-one (21) still-births, were of single persons; fifty-three (53) of married; and twenty-five (25) of widows or widowers.

Nativity.—One hundred and eighty-eight (188) of the deceased were born in the United States; sixteen (16) in Canada; nineteen (19) in Ireland; and three (3) in other countries.

CAUSES OF DEATH.

Under the *zymotic* class, or diseases which are either epidemic, endemic or contagious, and which are in a measure

preventable by sanitary regulations, thirty-six (36) deaths are recorded, or 15.93 per cent. of all deaths. Fifteen (15) were of diarrhœal diseases: five (5) each of diphtheria and cerebro-spinal fever; two (2) each of croup, whooping-cough, typhoid fever, scarlet fever and septicæmia: and one (1) of erysipelas.

Season.—Deaths of diarrhœal diseases, all, with one (1) exception, occurred in July, August and September; and of diphtheria, in August, November and December.

Sex.—The deaths under this class were of twenty (20) males, and sixteen (16) females.

Age.—Fifteen (15) of the deaths were of children, under one year of age; ten (10) of children, one year and under five years of age; five (5) of persons, five and under twenty; three (3) of persons, twenty and under fifty; and three (3) of persons, fifty and under seventy.

Social Relations.—All of the deaths except four (4), were of single persons.

Nativity.—All were born in the United States, except two (2).

Locality.—Eighteen (18) or just one-half occurred in the Third Ward.

Under the *constitutional* class, or diseases consequent upon a bad habit of body, sometimes hereditary, and in which there is a deposit of new morbid products in various parts of the body, thirty-seven (37) deaths are recorded, or 16.37 per cent. of all deaths. Twenty-five (25), or nearly three-fourths, were of consumption. Four (4) were of cancer; two of the breast, and one of the uterus of females; and one of the liver in a male. Four (4) were of hydrocephalus; and two (2) each of *tabes mesenterica*, and rheumatism.

Season.—Deaths of consumption occurred in every month of the year, except February.

Sex.—The deaths of consumption were of six (6) males, and nineteen (19) females.

Age.—Fifteen (15) of the deaths of consumption were of persons twenty and under fifty years of age.

Social Relations.—Of the deaths of consumption, ten (10) were of single persons: twelve (12) of married; and three (3) of widowed.

Nativity.—The nativity of the persons who died of consumption was: United States, eighteen (18); Canada, two (2); and Ireland, five (5).

Under the *local* class, or diseases in which the functions of particular organs or systems are disturbed or obliterated, and sometimes hereditary, eighty (80) deaths are recorded, or 35.39 per cent. of all deaths. Twenty-five (25) were under the order, nervous; eighteen (18), circulatory; nineteen (19), respiratory; thirteen (13), digestive; and five (5), urinary.

Season.—Deaths in this class occurred at all seasons of the year, without any marked difference in number.

Sex.—The deaths were of thirty-nine (39) males, and forty one (41) females.

Age.—The greatest number of deaths, in the divisional periods of life of the table, was twenty (20), at the age of seventy or over.

Social Relations.—The deaths were of forty (40) single; twenty eight (28) married; and twelve (12) widowed persons.

Nativity.—Sixty-four (64) were born in the United States: six (6) in Canada: seven (7) in Ireland; and three (3) in other countries.

Under the *developmental* class, or special diseases, the incidental result of the formative, reproductive and nutritive processes, sixty-six (66) deaths are recorded, or 29.20 per cent. of all deaths. Twenty-one (21) of these under the order, children, were still-births; seventeen (17) were cases of congenital debility, or low vitality at birth; seven (7) were, premature births; two (2) were cases of, spina bifida; and two (2) of other congenital deformity, or imperfect development. Under the order, women, there was one (1) death of puerperal mania; and there were two (2) of puerperal fever. Under the order, old people, there were eleven (11) deaths of old

age. Under the order, nutrition, there were two (2) deaths of marasmus and there was one (1) of inanition.

Season.—There is no marked difference in the number of deaths in this class, in the different seasons of the year.

Sex.—The deaths were of twenty-four (24) males, and forty two (42) females.

Age.—Fifty-two (52) of the deaths, including the stillbirths, were of children, under one year of age: nine (9) of persons, seventy years and over: and five (5) of other ages.

Social Relations.—Fifty-four (54) were of single: six (6) of married; and six (6) of widowed persons.

Nativity.—Fifty-seven (57) were born in the United States: five (5) in Canada: and four (4) in Ireland.

Under the *violence* class, or deaths by accident, negligence, suicide, homicide, etc., seven (7) deaths are recorded, or 3.09 per cent. of all deaths. There was one (1) each, under the order, accident, caused by fracture of thigh, surgical operation, drowning, burn, inhalation of steam, and suffocation by illuminating gas. Under the order, homicide, there was one (1) death by stabbing.

Sex.—All the cases were of males, except one (1), the fracture of the thigh, which was of a woman, over seventy years of age.

Social Relations.—Five (5) of the deaths were of single persons: one (1) was of a married: and one (1) of a widowed person.

Nativity.—Six (6) were born in the United States, and one (1) in Canada.

Respectfully submitted, -

H. H. ATWATER, M. D.,
Health Officer.

VITAL STATISTICS

OF THE

CITY OF BURLINGTON, VT.,

FOR THE YEAR 1881.

Table 1.—MARRIAGES.—Season, Nativity and Ceremony.

SEASON.	NATIVITY.								CEREMONY.			
	OF GROOM.				OF BRIDE.				Prot. Cler.	Cath. Pr'st.	Justice of Peace.	TOTAL.
	U. States.	Canada.	Ireland.	Other Countries.	U. States.	Canada.	Ireland.	Other Countries.				
January....	2	.....	1	.....	2	1	.....	.....	1	2	.....	3
February..	3	1	.....	.....	3	1	.....	.....	2	2	.....	4
March.....	4	.....	.....	.....	4	.....	.....	.....	4	.....	.....	4
April.....	3	.....	.....	1	2	1	.....	1	3	1	.....	4
May.....	2	3	.....	.....	5	.....	.....	.....	1	4	.....	5
June.....	7	3	.....	.....	8	2	.....	.....	5	5	.....	10
July.....	10	1	.....	.....	10	1	.....	.....	8	3	.....	11
August....	7	2	.....	.....	6	3	.....	.....	5	4	.....	9
September	6	1	1	.....	5	1	2	.....	3	5	.....	8
October....	9	1	.....	1	5	5	1	.....	4	5	2	11
November.	9	4	.....	.....	7	6	.....	.....	7	6	.....	13
December.	3	1	.....	1	4	1	.....	.....	3	2	.....	5
Total....	65	17	2	3	61	22	3	1	46	39	2	87

Marriages in 1880.....93

Table 2.—BIRTHS.—Season, Sex, Nativity, Locality of Births, and Number of Mothers of Each Age.

SEASON.	SEX.	NATIVITY.						LOCALITY.						AGE OF MOTHERS.			
		OF FATHER.			OF MOTHER.			OF BIRTH.						No.	Age.	No.	Age.
		U. States.	Canada.	Ireland.	Other Countries.	Unknown.	U. States.	Canada.	Ireland.	Other Countries.	Unknown.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.
January.....	Male.	8										3	4	5	6	4	22
February.....	Female.	14	12	7	2	2	18	3	1			5	5	7	3	5	25
March.....		9	13	2		3	15	7	3			1	6	10	5	10	32
April.....		17	18	3	2	3	19	10	2			1	8	16	9	8	42
May.....		25	26	4	1	1	26	10	4			1	4	14	5	3	27
June.....		13	14	5	1	2	21	2	2	1		1	2	13	7	1	28
July.....		16	19	4	1	1	16	10	2			5	2	13	7	24	24
August.....		7	11	8	1	1	18	3	1				6	9	1	6	22
September.....		21	17	11	2		20	11	3			1	8	18	3	4	34
October.....		17	17	7	2		15	9	2	1			4	16	6	2	28
November.....		18	21	16	1	1	28	10				2	12	11	6	8	39
December.....		11	15	4			18	3	2	1		2	3	9	7	5	26
		14	15	13			13	9	6			3	5	9	5	6	31
Total.....		172	192	94	10	12	227	87	28	3		24	67	137	65	61	354

Births of four colored children, twelve illegitimate children, nine twin births, and twenty-one still-births are included in 1881. Births in 1880—314.

Table 3.—DEATHS.—Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.	
	January.	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Male.	Female.	Single.	Married.	Wid-owed.		
CLASS I.—ZYMOTIC.																			
ORDER 1.—MIASMATIC.																			
Erysipelas.....							1						1	1	1			1	1
Diphtheria.....								2				2	1	2	3	5			5
Croup.....					1							1		2	2	2			2
Whooping Cough.....			1	1										2					2
Diarrhea and Dysentery.....								1	1				1	1	2				2
Cholera Infantum.....							7	3	1	1			7	5	12				12
Typhoid Fever.....									1		1		1	1	1	1		1	2
Cerebro-spinal Fever.....	1			1			1					2	1	4	3	2			5
Cholera Morbus.....													1			1			1
Scarlet Fever.....		1	1											2	2				2
Septicæmia.....								1				1	2		2				2
CLASS II.—CONSTITUTIONAL.																			
ORDER 1.—DIATHETIC.																			
Rheumatism.....				1									1	1	1	1			2
Cancer.....	1									2		1	1	3		2	2		4
ORDER 2.—TUBERCULAR.																			
Tabes Mesenterica.....	1								1										2
Phtisis Pulmonalis.....	2		1	3	1	2	3	1	4	3	4	1	6	19	10	12	3		25
Hydrocephalus.....			1		1		1			1			2	2	4				4

Table 3.—DEATHS, Continued.—Age, Nativity, Locality and Percentage from Each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.			LOCALITY.					TOTAL.	Ratio of deaths from each cause to total.	
	Under 1 Year.	1 and Under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 and over.	U. States	Canada.	Ireland.	Other Countries	Ward 1.	Ward 2.	Ward 3.	Ward 4.			Ward 5.
CLASS I.—ZYMOTIC.																	
ORDER 1.—MIASMATIC.																	
Erysipelas.....	.....	3	1	1	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	.44
Diphtheria.....	.....	2	.....	.....	.....	.....	5	.....	.....	.....	1	.....	3	.....	1	5	2.21
Croup.....	.....	1	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2	.....	.....	2	.88
Whooping Cough.....	1	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	1	1	.....	.....	2	.88
Diarrhea and Dysentery.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	2	.....	.....	2	.88
Cholera Infantum.....	9	3	.....	.....	.....	.....	12	.....	.....	.....	1	3	7	1	.....	12	5.26
Typhoid Fever.....	.....	.....	1	.....	1	.....	1	.....	1	.....	.....	.....	.....	1	1	2	.88
Cerebro-spinal Fever.....	1	.....	2	1	1	.....	5	.....	.....	.....	.....	2	1	2	.....	5	2.21
Cholera Morbus.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	1	.44
Scarlet Fever.....	.....	1	1	.....	.....	.....	2	.....	.....	.....	.....	1	.....	.....	1	2	.88
Septicæmia.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	1	2	.88
CLASS II.—CONSTITUTIONAL.																	
ORDER 1.—DIATHETIC.																	
Rheumatism.....	.....	.....	.....	1	.....	1	1	.....	1	.....	.....	1	.....	.....	.....	2	.88
Cancer.....	.....	.....	.....	1	2	1	3	1	.....	.....	.....	2	.....	.....	2	4	1.76
ORDER 2.—TUBERCULAR.																	
Tabes Mesenterica.....	.....	1	1	.....	.....	.....	1	1	.....	.....	.....	1	1	.....	.....	2	.88
Phthisis Pulmonalis.....	1	.....	4	15	4	1	18	2	5	.....	3	5	6	7	4	25	11.06
Hydrocephalus.....	3	1	.....	.....	.....	.....	4	.....	.....	.....	.....	1	1	1	1	4	1.76

Table 3.—DEATHS, Continued.—Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.										SEX.		SOCIAL RELATIONS.			TOTAL.		
	January.	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'er.	October.	Nov'er.	Dec'er.	Male.	Female.	Single.		Married.	Wid-owed.
CLASS III.—LOCAL.																		
ORDER 1.—NERVOUS.																		
Apoplexy and Paralysis.....	1	2	1	3	1	.....	.....	1	1	.....	.....	.....	3	2	1	4	5	10
Insanity.....	1	.....	.....	.....	.....	.....	.....	.....	.....	2	.....	.....	.....	3	.....	2	1	3
Convulsions.....	.....	1	2	1	.....	.....	.....	1	.....	1	.....	1	5	2	6	1	.....	4
Meningitis.....	1	.....	.....	.....	.....	.....	1	.....	2	.....	1	.....	4	1	2	3	.....	5
ORDER 2.—CIRCULATORY.																		
Cyanosis.....	.....	.....	.....	1	1	.....	.....	1	2	.....	.....	.....	4	1	5	.....	.....	5
Heart Disease.....	1	.....	1	1	1	.....	1	.....	2	2	1	1	7	3	3	5	2	10
Hemorrhage, congenital.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	.....	2
Pulmonary Apoplexy.....	1	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
ORDER 3.—RESPIRATORY.																		
Bronchitis.....	2	.....	.....	1	.....	1	.....	1	.....	.....	.....	2	1	6	4	3	.....	7
Pneumonia.....	1	.....	1	1	1	.....	2	1	.....	.....	.....	.....	2	5	5	1	1	7
Congestion of Lungs.....	.....	.....	.....	.....	1	2	.....	1	.....	.....	.....	.....	1	3	3	.....	1	4
Oedematous Laryngitis.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	1
ORDER 4.—DIGESTIVE.																		
Gastritis.....	.....	.....	.....	.....	.....	1	.....	.....	.....	2	.....	.....	3	.....	2	.....	1	3
Enteritis.....	.....	.....	.....	.....	.....	1	1	2	.....	.....	.....	.....	2	2	3	1	.....	4
Cirrhosis.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	1	.....	.....	1	.....	1
Ulceration of Stomach.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	1	.....	1
Peritonitis.....	1	.....	2	.....	.....	.....	.....	1	.....	.....	.....	.....	1	3	1	3	.....	4

Table 3.—DEATHS, Continued.—Age, Nativity, Locality and Percentage from Each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.				LOCALITY.				TOTAL.	Ratio of deaths from each cause to total.	
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States	Canada.	Ireland.	Other Countries	Ward 1.	Ward 2.	Ward 3.	Ward 4.			Ward 5.
CLASS III.—LOCAL.																	
ORDER 1.—NERVOUS.																	
Apoplexy and Paralysis.....	.....	.....	.....	1	2	7	5	1	3	1	2	2	2	4	.....	10	4.42
Insanity.....	.....	.....	.....	1	.....	2	2	.....	.....	1	1	.....	.....	.....	.....	3	1.32
Convulsions.....	4	2	1	.....	.....	.....	7	.....	.....	.....	.....	2	2	.....	3	7	3.09
Meningitis.....	1	2	2	.....	.....	.....	5	.....	.....	.....	.....	.....	4	.....	1	5	2.21
ORDER 2.—CIRCULATORY.																	
Cyanosis.....	3	1	1	.....	.....	.....	5	.....	.....	.....	1	1	.....	2	1	5	2.21
Heart Disease.....	1	.....	.....	1	4	4	9	.....	1	.....	3	2	2	1	2	10	4.42
Hemorrhage, congenital.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	2	.....	2	.88
Pulmonary Apoplexy.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.44
ORDER 3.—RESPIRATORY.																	
Bronchitis.....	3	.....	1	.....	2	1	6	1	.....	.....	1	1	3	1	1	7	3.09
Pneumonia.....	1	2	2	.....	2	2	6	1	.....	.....	.....	1	2	3	1	7	3.09
Congestion of Lungs.....	3	.....	.....	.....	1	1	3	.....	1	.....	.....	1	.....	2	1	4	1.76
Edematous Laryngitis.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1	.44
ORDER 4.—DIGESTIVE.																	
Gastritis.....	1	1	.....	.....	1	1	2	.....	1	.....	.....	.....	.....	2	1	3	1.32
Enteritis.....	2	1	.....	1	.....	.....	4	.....	.....	.....	1	.....	1	1	1	4	1.76
Cirrhosis.....	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	1	.44
Ulceration of Stomach.....	.....	.....	1	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	.....	1	.44
Peritonitis.....	.....	1	.....	1	1	1	1	2	1	.....	.....	.....	.....	3	1	4	1.76

Table 3.—DEATHS, Continued,—Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.
	January.	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'er.	October.	Nov'er.	Dec'er.	Male.	Female.	Single.	Married.	Wid-owed.	
ORDER 5.—URINARY.																		
Bright's Disease.....		1	1											2	1	1		2
Diabetes.....							1						1			1		1
Nephritis.....				1			1						2		1	1		2
CLASS IV.—DEVELOPMENTAL.																		
ORDER 1.—CHILDREN.																		
Still-birth.....	2	4	1	2	4	2	2	2		1		1	5	16	21			21
Congenital Debility.....			1	2	1		4	2	3	4			9	8	17			17
Premature Birth.....						1		1		1	3	1	4	3	7			7
Spina Bifida.....		1				1							1	1	2			2
Congenital Deformity.....												2		2	2			2
ORDER 2.—WOMEN.																		
Puerperal Mania.....							1							1		1		1
Puerperal Fever.....					1	1								2		2		2
ORDER 3.—OLD PEOPLE.																		
Old Age.....	1		1		1	1	2		2	2	1		4	7	2	3	6	11
ORDER 4.—NUTRITION.																		
Inanition.....			1				1		1					1	1	1		1
Marasmus.....													1		2			2

Table 3.—DEATHS, Continued.—Age, Nativity, Locality and Percentage from Each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.				LOCALITY.					Ratio of deaths from each cause to total.	
	Under 1 Year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		TOTAL.
ORDER 5.—URINARY.																	
Bright's Disease.....	.....	.....	.....	1	.....	1	2	.....	.....	.....	.....	.....	1	.....	1	2	.88
Diabetes.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.44
Nephritis.....	.....	1	.....	1	.....	.....	1	.....	.....	1	.....	.....	.....	1	1	2	.88
CLASS IV.—DEVELOPMENTAL.																	
ORDER 1.—CHILDREN.																	
Still Birth.....	21	.....	.....	.....	.....	.....	21	.....	.....	.....	4	3	9	1	4	21	9.24
Congenital Debility.....	17	.....	.....	.....	.....	.....	16	1	.....	.....	.....	1	8	5	3	17	7.52
Premature Birth.....	7	.....	.....	.....	.....	.....	7	.....	.....	.....	.....	.....	2	3	2	7	3.09
Spina Bifida.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	1	2	.88
Congenital Deformity.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	.....	1	2	.88
ORDER 2.—WOMEN.																	
Puerperal Mania.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1	.....	.....	1	.44
Puerperal Fever.....	.....	.....	.....	2	.....	.....	1	1	.....	.....	.....	.....	1	1	.....	2	.88
ORDER 3.—OLD PEOPLE.																	
Old Age.....	.....	.....	.....	.....	2	9	4	3	4	.....	1	5	2	2	1	11	4.86
ORDER 4.—NUTRITION.																	
Inanition.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	1	.44
Marasmus.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	.....	1	1	2	.88

Table 3.—DEATHS, Continued.—Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.
	January.	February.	March.	April.	May.	June.	July.	August.	September.	October.	November.	December.	Male.	Female.	Single.	Married.	Widowed.	
CLASS V.—VIOLENCE.																		
ORDER 1.—ACCIDENT.																		
Fracture of Thigh.....											1		1	1	1		1	1
Surgical Operation.....											1		1		1			1
Drowning.....							1						1		1	1		1
Burn.....											1		1		1			1
Inhalation of Steam.....	1												1		1			1
Suffocation by Gas.....												1	1		1			1
ORDER 2.—HOMICIDE.																		
Stabbing.....					1								1		1			1
Total.....	18	10	15	19	16	14	32	22	21	21	21	17	99	127	148	53	25	226

Table 3.—DEATHS.—Age, Nativity, Locality and Percentage from each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.				LOCALITY.					TOTAL.	Ratio of deaths from each cause to total.
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		
CLASS V.—VIOLENCE.																	
ORDER 1.—ACCIDENT.																	
Fracture of Thigh.....	.....	.....	.....	.....	.....	1	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1
Surgical Operation.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Drowning.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Burn.....	.....	.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.....	.....	1
Inhalation of Steam.....	.....	1	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1
Suffocation by Gas.....	.....	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1
ORDER 2.—HOMICIDE.																	
Stabbing.....	.....	.....	.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	.....	1
Total.....	87	25	22	36	23	33	188	16	19	3	23	38	71	50	44	226	.....
Deaths of five colored persons, are included in 1881. Ratio of deaths, excluding still-births, in 1881, to 1000 inhabitants, 18.04, the population by census of 1880 being 11,364. Deaths in 1880—219.																	

Deaths of five colored persons, are included in 1881. Ratio of deaths, excluding still-births, in 1881, to 1000 inhabitants, 18.04, the population by census of 1880 being 11,364. Deaths in 1880—219.

METEOROLOGY

AT THE

U. S. SIGNAL SERVICE STATION,

BURLINGTON, VT.

1881.	Mean Barom.	Mean Temp.	Mean Humidity.	Rain and melted snow in inches.
January.....	30.194	14.1	70.2	0.88
February.....	30.184	22.2	73.3	1.79
March.....	29.747	33.0	70.8	1.56
April.....	29.838	41.2	55.3	0.62
May.....	39.012	59.6	70.6	2.27
June.....	29.868	61.6	63.7	7.89
July.....	29.887	70.0	67.7	2.22
August.....	29.997	69.2	74.2	2.69
September.....	30.055	66.0	74.2	2.34
October.....	30.103	48.5	70.7	1.54
November.....	30.100	37.5	70.7	1.30
December.....	30.088	33.2	73.1	1.89

Death rates, for the year 1881, of New England cities and towns, having a population of 10,000 and less than 30,000, and requiring burial permits.

	Population by U. S. Census. of 1880.	Total Deaths.	Ratio for 1,000 Inhabitants
Salem, Mass.....	28,186.....	605	21.46....
Somerville, Mass.....	24,985.....	459	8.37....
Chelsea, Mass.....	21,780.....	457	20.98....
Gloucester, Mass.....	19,329.....	388	20.07....
Pawtucket, R. I.....	19,061.....	351	18.41....
Haverhill, Mass.....	18,475.....	303	16.18....
Meriden, Ct.....	18,340.....	287	15.65....
New Britain, Ct.....	13,978.....	240	17.17....
Concord, N. H.....	13,845.....	271	19.57....
Brockton, Mass.....	13,608.....	313	23.00....
Newburyport, Mass.....	12,537.....	280	20.68....
Pittsfield, Mass.....	13,637.....	254	20.79....
Fitchburg, Mass.....	12,405.....	226	18.22....
Northampton, Mass.....	12,156.....	200	16.45....
Malden, Mass.....	12,017.....	246	20.47....
Middletown, Ct.....	11,731.....	205	17.47....
Danbury, Ct.....	11,669.....	218	18.68....
BURLINGTON, VT	11,364.....	205	18.04....
Chicopee, Mass.	11,325	225	19.87....
Woburn, Mass.....	11,028.....	185	16.86....
North Adams, Mass.....	10,192.....	207	20.31....

REPORT OF CITY PHYSICIAN.

To Dr. H. H. Atwater, Health Officer:

SIR:—I have the honor to present the following report for the six months ending December 31st, 1881:

I have made, during the six months, 195 visits: of these, 192 were medical and 3 surgical: 17 were to the poor farm, located in the town of South Burlington. I have also attended to 20 office calls, and 3 obstetric cases.

Respectfully submitted.

JO H. LINSLEY, City Physician.

REPORT
OF THE
OVERSEER OF THE POOR.

To the Mayor and Board of Aldermen :

GENTLEMEN:—

The statement of receipts and disbursements of the Poor Department for the year commencing January 1st and ending December 31st, 1881, is as follows :

RECEIPTS.

Cash of City Treasurer,	\$4,266 75
“ from sales from farm and other sources,	120 20
	<hr/> \$4,386 95

DISBURSEMENTS.

Paid 13 transient poor persons,	\$ 27 25	
Removal 5 transient insane persons to In-		
sane Asylum, Brattleboro, Vt.,	121 95	
Aid furnished 112 persons and families		
outside poor house,	\$1,749 25	
	<hr/> \$1,898 45	

POOR HOUSE.

Poor house expenses,	\$	933 22	
Coal,		109 45	
Insurance on Pest House,		6 75	
Repairs, including 2 new brick cisterns,		117 08	
John M. Miller, salary,		350 00	
		<hr/>	\$1,516 50
Salary of City Physician,	\$	200 00	
Vermont Insane Asylum, for care of City			
insane, for 12 months. per account,		272 00	
Salary of Overseer,		500 00	
		<hr/>	\$ 972 00
			<hr/>
			\$4,386 95

We, the undersigned, have examined the accounts and vouchers of Henry Greene, Overseer of the Poor, from January 1st, 1881, to December 31st, 1881, inclusive, and find the same correct.

SAMUEL A. DREW,	} Auditors.
A. B. LOWRY,	
MICAH H. STONE,	

I have disbursed during the year, wood	
on hand, January 1st, 1881, value,	\$ 103 13
Coal. January 1st, 1881,	109 11
	<hr/>
	\$ 212 24
I have now on hand December 31st, 1881,	
Coal, value,	\$ 129 40
Wood, 16 cords,	80 00
	<hr/>
	\$ 209 40

PRODUCE RAISED ON POOR FARM, 1881.

Four hundred bushels ears corn ; 500 bushels potatoes ;
 182 bushels oats ; 8 bushels beans ; 20 bushels carrots ; 50
 bushels beets ; 70 bushels apples ; 20 bushels turnips ; 250

heads cabbages: 20 tons hay: 3 tons straw: 5 tons corn stalks: 1,200 pounds pork: 700 pounds beef: 70 pounds lard: 30 pounds tallow. and 400 pounds butter.

PRODUCE ON HAND JANUARY 1ST, 1882.

Two hundred bushels ears corn: 300 bushels potatoes: 150 bushels oats: 8 bushels beans: 5 bushels carrots: 45 bushels beets: 18 bushels turnips: 150 heads cabbage: 5 bushels onions: 18 tons hay: 2 tons straw: 4 tons corn stalks: 1,200 pounds pork: 600 pounds beef: 60 pounds lard: 30 pounds tallow: 75 pounds butter: 4 barrels apples: 3 barrels cider.

LIVE STOCK.

Five cows: 2 calves: 2 horses: 3 shoats: poultry, 30 hens.

The farm has been very productive this year under the good management of Mr. Miller.

I cannot close this report without calling your attention to a plan adopted with the advice of the Mayor and Committee of the Pauper Department—a plan which the Ladies' Aid Society approve, and are co-operating with me in carrying out—that is, furnishing employment to the needy who are able to work, a plan which has in every particular worked to our entire satisfaction. I can safely say the reduction of the expenses of this Department may be attributed to adhering to that plan, more than to the revival of our industries.

The *Christian Leader*, of Boston, lately discussing "How to Make Charity Harmless." says: "It will, of course, be understood that a percentage of humanity, through no fault of its own, through causes which it could not prevent and which it cannot arrest, is thrown hopelessly and irremediably upon the charities of the world."

In every case of enforced dependence, there should be no feeling of humiliation, no spirit of mendicancy, in receiving the help which more favored mortals are ready to bestow. With all such it should be as blessed to receive as it is to

give. We speak not of the misfortune that is unavoidable and without remedy. We have in thought the poverty that in honest reality need not be, and which looks for relief at stated times with the regularity and the expectancy with which the bond-holder calculates upon the cashing of his coupons. We have in mind the individual who in effect soliloquizes thus: "Mr. Greatheart gave me once; therefore, he will very likely give me again." "He gave me twice; therefore, he certainly will give me once more." "He gave me a third time; therefore, I may rest upon my oars, for he will of course come to my relief." "He came to my relief, therefore, I may hereafter expect, yea, *demand*, his bounty in the future." When habitual, unthinking charity leads its recipient to that phase or attitude of character, charity has wrought a moral and a spiritual desolation. "How to administer charity that it shall not be a *curse*, so far from being a paradox, is in sober truth one of the toughest and the most serious problems of the age."

A late issue of *Harper's Weekly*, upon the report of the Association for Improving the Condition of the Poor in the city of Brooklyn, says: "In 1877 there were 46,350 persons relieved by the city, at a cost of \$141,207. In 1878 only coal was distributed, and since then, no relief whatever has been given by the city. Yet there has been no increase in the number of persons at the alms house and hospital, and no additional burden has been thrown upon the charitable community." The question is then asked: "Are all the beneficiaries of the previous years starved and frozen to death? Not at all. They have stopped shamming, and have gone to work. For the truth, which cannot be too constantly or forcibly impressed upon good citizens, is that discriminate and ignorant alms-giving merely supports the cheats, and cheats the honest poor." The theory of charity as a benefit is simple enough: so give as to incite to self-dependence and self-help.

I can heartily commend to your consideration the Ladies' Aid Society, who are doing a special work in relieving the

sick and providing for the wants of children in the way of clothing, which enables them to attend our common schools. They are always ready to co-operate with me, and in very many ways render that assistance which the Overseer neither has the time nor ability to do.

Respectfully submitted,

HENRY GREENE,

Overseer.

The Following Persons were Inmates of the Poor House, January 1, 1881..

NAMES.	AGE.	NATIVITY.	DIFFICULTY.	TIME IN POOR HOUSE.	WHEN LEFT.
John Trudo.....	96	Canada.....	Destitute.....	21 years.....	.....
John Murphy.....	65	Ireland.....	Destitute.....	12 ".....	.....
Thomas Brossell.....	65	Ireland.....	Destitute.....	13 " 7 months....	Died August 26.
George Wilson.....	67	Ireland.....	Destitute.....	3 " 2 ".....	.....
Jack King.....	81	Burlington, Vt....	Destitute.....	9 ".....	.....
Ann Martin.....	80	Ireland.....	Destitute.....	6 " 6 months....	.....
Mary McCaffrey.....	86	Ireland.....	Destitute.....	3 " 4 ".....	.....
Jane Blinn.....	42	Georgia, Vt.....	Insane.....	5 " 9 ".....	.....
Isabella Cox.....	59	Ireland.....	Destitute.....	2 " 3 ".....	.....
Samuel Bowen.....	88	England.....	Blind.....	3 " 2 ".....	Died July 26.
James Dunlavy.....	65	Ireland.....	Destitute.....	2 ".....	.....
James McGullion.....	67	Ireland.....	Destitute.....	1 " 6 months....	.....
Robert McGraw.....	56	Ireland.....	Destitute.....	1 " 6 ".....	Left July 5.
James Walton.....	43	Ireland.....	Destitute.....	2 " 9 ".....	" September 1.

The Following Persons have been Admitted to the Poor House from January, 1, 1881,
to January 1, 1882.

NAMES.	AGE.	NATIVITY.	DIFFICULTY.	TIME IN POOR HOUSE.	WHEN LEFT.
Michael Madigan.....	36	Ireland.....	Destitute.....	..... 2 months.	" May 1.....
Joseph King.....	50	Canada.....	Destitute.....	..... 1 week	" February 3.....
Joseph Landon.....	65	Canada.....	Destitute.....	..... 2 "	" March 23.....
Joseph October.....	45	Canada.....	Destitute.....	..... 2 "	" April 26.....
Albert Sutherland.....	72	Milton, Vt.....	Destitute.....	..... 8 months.	.....
Alice Stranger, & 2 chil'n	45	Canada.....	Destitute.....	..... 7 weeks	Left August 23.....
Timothy Noonan.....	75	Ireland.....	Destitute.....	..... 6 months.	.....
Robert McGraw.....	56	Ireland.....	Destitute.....	..... 2 "	.....
Theodore Gamby.....		Canada.....	Destitute.....	..... 2 "	Died December 24.....
John Daley.....	76	Ireland.....	Destitute.....	..... 6 weeks	.....
Benjamin Law.....	73	Burlington, Vt... ..	Destitute.....	..... 2 "	.....

Insane Poor at Asylum.—Account to Aug. 1, 1881.

NAMES.	AGE.	NATIVITY.	TIME IN ASYLUM.	EXPENSE.
Oliver Blinn.....	34	Burlington, Vt..	17 years, 11 months..	\$182.00
Francis Metcalf.	47	Washington, Vt.	8 years, 4 months..	182.00
				<u>\$364.00</u>
State aid, O. Blinn.....				\$52.00
" F. Metcalf.....				52.00—\$104.00
				<u>\$260.00</u>
Henry Beauchim, T. Moland, O. V. Hill, Expenses to Burlington.....				18.00
				<u>\$278.00</u>

HENRY GREENE,
Overseer of the Poor.

DEPARTMENT OF PUBLIC SCHOOLS.

BOARD OF SCHOOL COMMISSIONERS.

PRESIDENT,

H. O. WHEELER, Superintendent.

CLERK,

J. W. RUSSELL.

WARD ONE.

E. B. TAFT.

Term, April 1, 1880-82.

WARD TWO.

L. B. LORD.

Term, April 1, 1881-83.

WARD THREE.

H. R. WING.

Term, April 1, 1880-82.

WARD FOUR.

G. B. SAFFORD.

Term, April 1, 1881-83.

WARD FIVE.

J. W. RUSSELL.

Term, April 1, 1881-83.

STANDING COMMITTEES.

ON SCHOOL HOUSES AND SCHOOL PROPERTY:

WHEELER, WING, LORD.

ON INSTRUCTION, TEXT BOOKS AND TEACHERS:

WHEELER, TAFT, SAFFORD, RUSSELL.

ON FINANCE AND ACCOUNTS:

WHEELER, WING, RUSSELL, LORD.

ON RULES AND REGULATIONS:

WHEELER, RUSSELL, SAFFORD.

REGULAR MEETINGS OF THE BOARD.

First Friday in each month, 7:30 p. m., at the Superintendent's office, in Fletcher Library Building.

SUPERINTENDENT'S OFFICE HOURS.

From 4:15 to 5:15 p. m., days on which schools are in session.

ROLL OF TEACHERS.

WINTER TERM, 1882.

HIGH SCHOOL.

Principal—D. Temple Torrey.
1st Assistant—Anna M. Johnson.
2nd " Clara H. Pease.

GRAMMAR SCHOOL.

Principal—Eliza J. Leyden.
1st Assistant—Mary E. Wells.
2nd " Mary E. Collins.
3rd " Annie T. Smith.

GRAMMAR "ANNEX."

Teacher—Ellen H. Vilas.

PINE STREET INTERMEDIATE.

Principal—Margaret S. Bole.
1st Assistant—Kate E. Lowry.
2nd " Marie M. Graves. (Supply.)

POMEROY INTERMEDIATE.

Principal—M. Jeannette Stevens.
1st Assistant—Florence D. Stearns.
2nd " Clara M. Lawrence.

ADAMS INTERMEDIATE.

Principal—Cora E. Northrop.
Assistant—Minnie J. Miller.

NORTH AND MURRAY STREETS INTERMEDIATE.

Teacher—Anna G. Sanford.

PINE STREET PRIMARY.

Principal—Eva E. Sallies.
1st Assistant—Mary R. Cole.
2nd “ Lovina Petty.

POMEROY PRIMARY.

Principal—Lizzie A. Reese.
1st Assistant—M. Amanda Miller.
2nd “ Lottie M. Burnett.

ADAMS PRIMARY.

Principal—Mary J. Brown.
1st Assistant—Alice H. Burt.
2nd “ Cora G. B. Field.

NORTH AND MURRAY STREETS PRIMARY.

Principal—Ella I. Case.
1st Assistant—L. Jeanie Macrae.
2nd “ Josephine E. Lanou. (Supply.)

FALLS SCHOOL.

Primary and Intermediate Grades.

Principal—Jennie M. Mathews.
Assistant—Kate A. Enright.

NORTH AVENUE.

Primary, Intermediate and Grammar Grades.

Teacher—Mary N. Cressy.

CHERRY STREET UNGRADED.

Day and Evening Schools.

Teacher—David J. Foster.

FALLS EVENING SCHOOL.

Teacher—Alfred Wheeler.

TEACHER OF VOCAL MUSIC.

N. H. Thompson.

TEACHER OF WRITING AND BOOKKEEPING.

G. W. Thompson.

SUPERVISOR OF DRAWING.

Eliza J. Leyden.

PUPIL TEACHERS SINCE LAST REPORT.

Anna L. Marsh,	Mary Brinsmaid,
Marie M. Graves,	Josephine E. Lanou,
Fannie L. Morse,	Helen C. Whitney.

HIGH SCHOOL GRADUATES.

CLASS OF 1881.

ENGLISH COURSE.

Robert A. Arms,	Alice L. Freeman,
William E. Bigwood,	Mary A. Hogan,
Elmer E. Davis,	Josephine E. Lanou,
Ferdinand S. Henry,	Fannie E. Linsley,
Charles E. M. Morse,	Fannie L. Morse,
Frederick E. Woodbury,	Carrie A. Spaulding,
	Helen C. Whitney.

ENGLISH AND LATIN COURSE.

Susie F. Allen,	Francis E. Burritt,
Mary Brinsmaid,	Alice M. Hood,
Edith A. Brownell,	May C. Rice,
	Lulu M. Johnson.

CLASSICAL COURSE.

John W. Buckham,	Charles M. Stone,
Frederick B. Hungerford,	Cora B. Drew,
William S. Peirce,	Mary L. Mills,
Henry T. Safford,	Alma M. Porter.

REPORT
OF THE
SUPERINTENDENT
OF
PUBLIC SCHOOLS.

To the Honorable the City Council:

GENTLEMEN:—

In obedience to the requirements of the City Charter, I have the honor to present the report of the Department of Public Schools (being the fourteenth to the City Council) for the year 1881:

FINANCIAL STATEMENT.

RECEIPTS.

Interest on U. S. Deposit Fund,	\$ 1,747 39
“ “ Water Bond,	84 00
Rent of school lands,	147 78
Tuition from non-resident pupils,	722 50
Sundries from Superintendent,	2 00
Taxes, 1881,	18,000 00
Additional amount provided for by City Council,	1,200 00
Total,	<hr/> \$21,903 67

DISBURSEMENTS.

Teachers' salaries,	\$15,594 85
Superintendent's salary,	800 00
Janitors and cleaning,	937 78
Repairs,	492 71
Fuel,	967 50
Apparatus, maps, etc.,	28 80
Incidentals,	432 20
Supplies,	244 65
Furniture,	210 22
Water rates,	85 00
Insurance,	137 45
Interest on old liability and on temporary loans,	299 24
Indebtedness reported January 1st, 1881.	1,676 19
<hr/>	
Total.	\$21,906 59

RECAPITULATION:

Total receipts,	\$21,903 67
“ disbursements,	21,906 59
<hr/>	
Liability, January 1st, 1882.	\$ 2 92

ESTIMATES FOR YEAR 1882.

RECEIPTS.

Interest on U. S. Deposit Fund.	\$ 1,372 94
Rent of school lands,	150 00
Interest on water bond,	84 00
Tuition from non-resident pupils.	500 00
Taxes,	18,230 98
<hr/>	
Total,	\$20,337 92

DISBURSEMENTS.

Teachers' salaries,	\$15,500 00
Superintendent's salary,	800 00
Janitors and cleaning,	1,000 00
Repairs,	500 00
Fuel,	1,000 00
Apparatus, maps, etc.,	50 00
Incidentals,	450 00
Supplies,	250 00
Insurance,	150 00
Furniture,	100 00
Water rates,	85 00
Evening schools,	150 00
Liability,	2 92
Interest on loans pending collection of taxes,	300 00
Total,	\$20,337 92

FINANCES.

The disbursements for the past year differ but little from those of the preceding year, except in the item of Teachers' salaries, which was somewhat increased by the employment of an additional number of teachers.

The other items of current expenses vary but little from year to year.

It should be observed that the disbursements include the payment in full of the indebtedness which has been carried for many years.

Since the books of the City Treasurer were balanced, tuition due in 1881, has been paid to the Superintendent, so that the Department has, in fact, a small surplus, instead of a small deficiency, to report. This Department is now free from debt.

In the estimates of disbursements for the present year, only incidental repairs are contemplated. Should the Board of School Commissioners decide to make special repairs in

some of the buildings, to which matter reference will hereafter be made in this report, an additional appropriation will be required. Under the circumstances, the School Commissioners are not as yet prepared to make, and do not now make, a formal recommendation for an appropriation for this Department, for the current year.

SCHOOL PROPERTY.

During the past year, only such general repairs have been made, as have been necessary for the preservation and protection of the property. It is possible, however, that somewhat extensive repairs may be deemed advisable the coming year.

The Pine street building needs important changes, and the residents of the district rightfully urge that an effort should be made to render the Primary rooms more comfortable, and to improve their condition generally.

This subject has been under consideration by the Board, but no conclusion has yet been reached, the original purpose and plan of the building being such, that a satisfactory remodeling presents a difficult problem.

The North and Murray streets Primary School has outgrown its room, and it does not seem probable that the attendance at this school will hereafter be reduced. It may be necessary, therefore, to provide better accommodations for this school.

These matters will receive the careful attention of the Board, and will be determined with a view to the best interests of the City.

Most of the property is in good condition, and all the buildings are now occupied for school purposes.

STATISTICS.

The following table exhibits the total enrollment, daily average attendance, attendance per cent (or the average attendance per day as compared with the total enrollment), number of instances of tardiness, number of dismissals, number of scholars having no absences, and number of visits re-

ceived, of each school for each term of the year. And for the Spring and Fall Terms, the average number of days of attendance of all scholars is also shown.

The number of school days in the Spring Term was, for Primary and Intermediate grades, 48. for Grammar and High Schools, 58 ; in the Fall Term, for Primary and Intermediate grades, 71. for Grammar and High Schools, 76.

Following this table will be found another, giving a statistical comparison of the year 1881. with the year 1880.

1881.	SCHOOLS.	WINTER TERM.						SPRING TERM.						FALL TERM.										
		Number enrolled.	Daily average attendance.	Attendance per cent.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by schools.	Number enrolled.	Daily average attendance.	Attendance per cent.	Average number days attendance.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by schools.	Number enrolled.	Daily average attendance.	Attendance per cent.	Average number days attendance.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by schools.
	High.....	89	84	94	47	17	23	20	82	77	94	54	11	22	28	13	101	89	88	67	20	24	12	30
	Grammar.....	141	123	87	32	10	25	20	138	116	84	48	37	12	30	22	153	136	88	67	50	12	28	25
	Grammar "Annex".....	31	26	86	40	4	7	9	26	23	88	51	18	4	2	13	37	33	89	69	7	4	3	12
	Pine Street Intermediate.....	77	65	84	54	2	13	12	72	61	84	40	8	3	10	20	95	77	81	58	41	2	14	26
	Pomeroy Intermediate.....	80	68	85	4	6	23	26	65	58	89	42	4	8	26	21	76	69	90	65	11	5	20	21
	Adams Intermediate.....	42	39	92	12	13	10	18	45	40	88	42	6	14	8	18	59	52	89	62	7	15	7	4
	N. and Murray Sts. Int.....	31	27	87	15	7	8	9	30	25	84	40	3	6	11	12	41	29	70	51	18	7	5	10
	Pine Street Primary.....	137	118	86	57	4	22	35	155	121	78	37	29	6	16	28	128	96	75	53	38	8	18	31
	Pomeroy Primary.....	118	95	80	34	10	15	36	127	99	78	37	24	4	17	35	103	82	79	56	13	5	19	39
	Adams Primary.....	91	77	84	43	1	21	20	119	100	84	40	80	3	30	52	95	77	80	57	36	6	11	49
	N. and Murray Streets Primary.....	92	73	79	40	7	15	11	112	92	82	40	42	18	21	12	116	96	82	58	45	32	16	24
	Falls (Intermediate).....	12	54	33	61	14	9	7	10	69	47	68	32	9	6	12	15	69	48	69	50	17	9	7
	Primary.....	45							59								54							8
	(Grammar.....																8							
	N. Ave. Intermediate.....	7	15	83	35	6	3	3	7	16	87	43	25	5	3	7	5	20	16	84	59	76	3	4
	(Primary.....	11							12								7							
	Cherry Street Ungraded Day.....	32	18	56				6									21	11	54	11				1
	Cherry Street Ungraded Even'g.....	31	15	48				3									66	37	56	14				
	Falls Evening.....	11	7	63													40	25	62	15				2
	Totals.....	1075	883	82	427	96	192	235	1059	878	82	296	111	214	263		1220	975	79		379	132	164	289

Comparison with Statistics of 1880.

[illegible]

The following table shows the enrollment of the Graded Schools, by grades, for each term of the year, and the percentage of enrollment in each grade :

Grade.	WINTER TERM.		SPRING TERM.		FALL TERM.	
	Total enrolled.	Per cent in grade.	Total enrolled.	Per cent in grade.	Total enrolled.	Per cent in grade.
High School.....	89	9	82	8	101	9
Grammar.....	172	17	164	15	198	18
Intermediate.....	249	25	229	22	291	27
Primary.....	491	49	584	55	503	46
Totals.....	1001	100	1059	100	1093	100

An examination of the foregoing tables will show that in those particulars which are embraced within the scope of the tables, the record of our schools for the year is in most respects a creditable one. It will be observed that the enrollment for every term of the year was greater than that of the corresponding term of the preceding year, the increase being, for the Winter term, 22, for the Spring term, 77, and for the Fall term, 55.

There was also a slight gain in the average daily attendance, and in the number of scholars having no absences, every term of the year; while in the number of instances of tardiness reported, there was a reduction of 36 per cent as compared with the year 1880. In the last annual report of this Department, a reduction of 20 per cent in tardiness for the year 1880, was noted, and particular attention was called to the prevalence of the bad habit. During the past year special efforts have been made for the correction of this evil. In the last summer vacation, the rule upon the subject was so modified as to give the teachers authority, in their discretion, to exclude scholars from school for tardiness, for the session in which the tardiness occurred. This rule, thus far, has operated well, for, as will be noticed in the tabular comparison of

the year 1881 with 1880, although in the Winter and Spring terms, there was a loss of 1 and 2 per cent in the attendance per cent, in the Fall term, the only term which has intervened since the adoption of the new rule, there was a gain of 2 per cent. Thus, the objection which is sometimes made to the rule as it now stands, viz., that there will be diminished attendance, does not seem to apply here. The improvement of nearly 50 per cent in respect to this item, during the past two years, is worthy of particular notice. The effect of habits of promptness upon the scholars is not only of present advantage to the schools, but will be of lasting benefit to the scholars themselves, and the importance of the subject is still urged upon all who are in any way connected with the schools.

There is, perhaps, no greater change in enrollment than might be expected in different years, but the tendency, either from gain in population or from the growth in popular favor of the schools, seems clearly to be toward increased enrollment.

The large number of pupils in the Grammar grade has necessitated the maintenance, during the entire year, of the Grammar "Annex" school. And the probability is, judging from the size of the classes, at present, in the lower grades, that it will be necessary to provide continuously and permanently for this school.

There has been noticeable increase in attendance at the North and Murray streets Primary school. This (with the exception of those schools having the two lower grades) has been our smallest Primary; but last term the enrollment of this school reached 116, and was exceeded, in its grade, by the Pine street Primary only. The Pine street Primary, at the last Spring term, reached the exceptionally large enrollment of 155,—the highest number attained by this school under the present arrangement of school buildings.

The Adams Intermediate also shows considerable gain in number of scholars, and seems to be approaching the size of the other Intermediate schools.

The table giving the number of scholars in the different grades shows substantially the same condition as that reported one year ago. It is very much to be regretted that so small a proportion of scholars improve the advantages offered by the higher grades of our schools. Personal interest and public policy alike require that the scholars go forward in their education as far as their circumstances will permit.

In this way only can the best citizens be secured, good society and good government be maintained, and the State be guarded against the effects of ignorance. It is hoped that future reports will show improvement in this respect.

TEACHERS.

The roll of teachers contains but few new names. Nearly all are familiar to the people of Burlington, and will be recognized as those of teachers who have, by faithful service, won the esteem and confidence of the people, and have by long association with their schools, given to them their distinctive characters. It has been the policy of the School Board to retain good teachers as long as possible, and to make no unnecessary changes in appointments. By this course, two very important conditions of success have been secured, viz. thorough knowledge of the studies to be taught, and intimate acquaintance with the scholars themselves. A large proportion of our teachers have been with us many years, and few leave us except for promotion or marriage, for both of which changes, positions in our schools have seemed to furnish peculiarly good preparation.

In the selection of teachers, great care has been exercised to give appointments to those only, whose instruction and personal influence will tend to the cultivation of the highest manly and womanly qualities. As *character* has a higher place than *scholarship*, our teachers spare no efforts to produce the best results upon those who are under their care, and who will go forth as the representatives of their schools, and the exponents of the instruction they have received.

A few of our best teachers have left us since the last report, who are greatly missed, but care not to make what might seem invidious distinctions, forbids, what would be a great pleasure in some cases, special and honorable mention.

Colleges, Normal Schools and High Schools are represented, at present, by graduates in our corps of teachers as follows:

University of Vermont.	2
Dartmouth College.	1
Vassar College.	1
Oswego, N. Y., State Normal School.	6
Geneseo. " " " "	1
Potsdam. " " " "	1
Salem, Mass.. " " " "	1
Randolph, Vt.. " " " "	2
Burlington, Vt., High School.	6
Roxbury, Mass., " "	1
Fairhaven. " " "	1
Syracuse, N. Y., " "	1

Several of those, given above as representatives of other institutions, are also graduates of our own High School. In making appointments, the aim of the Board has been to obtain the best available teachers, at home or abroad, with the means at our disposal.

MUSIC.

After an experience of nearly two years, without a special teacher of vocal music, it was found that this work was not progressing uniformly or satisfactorily, and the Board therefore decided to employ some one to give instruction in, and to supervise the music in all the schools.

Fortunately, the services of Mr. N. H. Thompson, who so acceptably served the City in the same capacity, a few years ago, were again secured. Since the opening of the present school year, Mr. Thompson has, as never before, given regular instruction in music, in the High School, as well as in all

the lower grades. The improvement in music since Mr. Thompson's return is clearly apparent, and the extension of his instruction to the High School, is an important addition to the advantages of that school.

WRITING AND BOOK-KEEPING.

During the year, writing and book-keeping have had greater prominence than usual in our course of study. Not only have the regular teachers given to writing increased attention, in all grades, but for two terms, Mr. G. W. Thompson, a skillful penman and an experienced teacher, has been employed as special instructor in penmanship, in the High and Grammar Schools. As was to be expected, new interest has been awakened, and better results have been accomplished. Many of the specimens of writing which have been returned from all grades, including the Primary, have been very creditable. Mr. Thompson has also had classes in book-keeping in the High School.

NORTH AVENUE SCHOOL.

For the better accommodation of the residents in North Avenue district, who are at a great distance from the High School building, those scholars, who would regularly have passed to the Grammar School, at the beginning of the present school year, have been permitted to remain in North Avenue School, and to pursue there, the studies of the C Grammar year. This change largely increased the labor of the teacher, but Miss Cressy, who is, at present, in charge of the school, has carried the work along successfully, and the school has thus been of greatly increased convenience and benefit to the district.

LANGUAGE LESSONS.

Early in the year, members of the School Board visited the Intermediate and Grammar Schools, and applied a practical test in simple composition, for the purpose of ascertaining the condition of the schools in respect to penmanship, spelling, use of capital letters, punctuation and written expression generally. The results of this examination demonstrated the

need of giving greater prominence to instruction in these common matters of universal use, and at the opening of the present school year, the Board added to the course of study, in all classes of the Grammar and Intermediate grades, oral lessons in Language. Work in the same line has also been done in the Primary Schools. There had been some instruction in this subject, in some of the classes of the Grammar School before, but not to the extent nor with the system with which it is now given.

It is too early, as yet, to speak of the results of this important modification of our course of study, but we confidently anticipate great improvement in those respects in which the schools were found to be deficient. A correct use of language will be taught, if at all, not solely, nor mainly, even, by precepts and rules, but by practice—by the often repeated, proper use of good language. If the scholars in our Public Schools do not learn to express themselves, orally and in writing, intelligently and correctly, the schools so far fail, and there is just ground for complaint.

READING.

A greater amount than usual of supplementary reading matter has been supplied to the schools during the year, and with good effect. For the Primary Schools, several sets of juvenile magazines of a fresh and entertaining character have been provided; and for the Intermediate Schools, books which are instructive as well as interesting have been obtained. In this class of books may be mentioned an elementary work on Plants, and an Introductory Geography. Some of the books in Swinton's beautiful series of Supplementary Readers have also been used. By the use of this varied reading matter, interest in reading has been increased, readiness at sight-reading has been cultivated, and information on important subjects has been imparted.

UNGRADED SCHOOLS.

The Ungraded Day and Evening Schools are among the most interesting of our schools. The scholars in the Day

school are mainly those who are employed in some kind of manual labor during the greater part of the year, but who, in the lull in business in the winter months, find a little opportunity for study; those in the Evening schools, work during the day, and give only their evenings to books.

The Cherry Street Day and Evening Schools are composed wholly of boys, but the Falls Evening School has boys and girls, in about equal numbers.

These boys and girls who have already learned to depend upon themselves, and to contribute to the support of others, are not only industrious, but are peculiarly bright and intelligent. Accustomed to toil, they work with a will in school, and make rapid progress in their studies. Occasionally an adult, and sometimes the head of a family, comes in, and beginning with his A B Cs, struggles up the, to him, thorny path of rudimentary learning. These pupils deserve especial praise and encouragement.

GENERAL CONDITION.

The general condition of the schools during the year has been good. The discipline has gone smoothly, and the disposition or spirit of the schools has been all that could be expected. Very few instances have occurred in which it has been necessary to resort to severe measures. About two years ago, the Board passed the following resolution in regard to

CORPORAL PUNISHMENT:

Resolved, That the Board of School Commissioners direct that corporal punishment in the schools be resorted to only in extreme cases, and that every case be put on record by the teacher, with all necessary details, and be reported at once to the Superintendent.

Our school authorities have not gone to the length of prohibiting corporal punishment, but have wisely held the opinion expressed by Superintendent Goodrich, in his report for 1868-9, that, "When other means prove unavailing, it seems necessary to resort to this. It is believed to be better for the pupil and better for the community, that refractory

pupils should be retained and reduced to obedience, than that they should be expelled from the schools."

Corporal punishment is much less in vogue now than formerly, and the wholesome regulation adopted by our Board restricts it within proper limits. Very few cases have been reported within the past year.

Scholarship has, I think, somewhat improved. Thoroughness has characterized the instruction, and *quality* rather than *quantity* of work, has been the aim of the teachers, to an unusual degree. In most cases, the classes which have passed from the lower to the higher grades, have shown exceptionally good preparation for promotion. While this can be said generally, it applies with special force to the last classes which entered the Grammar, from the Intermediate Schools, the members of which have shown themselves better fitted for work in their present grade, than any preceding class for many years.

One year ago, about 10 per cent of the C class in the Grammar School, failing to maintain their standing in the school, fell out, during the first Term of the year; this year, there has not been a single failure in that class, by a scholar who came, in regular promotion, from one of our Intermediate Schools. The qualities of school work which have just been mentioned, have characterized all grades, from the Primary to the High School, allowance being made for differences in the natural ability of the classes.

FLETCHER FREE LIBRARY.

Within the past few months, an important work has been developed by some of the teachers, in arousing an interest among the scholars in good reading. Scholars, whose reading hitherto, outside of school, has been confined chiefly to the sensational Weekly and the trashy Dime Novel, have been led to part company with these vile associates, and to seek the society of good books.

The Trustees of the Library, some time ago, kindly supplied the schools with copies of the Library Catalogue.

These have been of great service to teachers and scholars. But something more has been needed, and arrangements have now been made for placing in the hands of the teachers, approved lists of the best books for the young, in the different departments of literature. With these aids, the teachers can direct the scholars to a judicious selection of books, adapted to their studies, and their peculiar tastes and needs. Much has been done in the same direction before, but, of late, a few of the teachers have been conspicuous for their zeal and their success in this good work. It is hoped that this number will be greatly increased in the future. With this work intelligently and wisely carried forward, the community will reap some of the richest advantages to be derived from the noble benefaction of the Fletcher Free Library, and the Library will become a very important adjunct to the educational agencies of the City.

Special acknowledgments are due the Librarian and his assistant, for their hearty co-operation with the teachers in selecting and furnishing good and suitable reading for the scholars.

GIFTS TO THE HIGH SCHOOL.

During the year, gifts worthy of mention have been made to the High School. Our townsman, Mr. Hilar Roby, presented to the School a fine statuette of *Diana*, corresponding in size and style with that of *Minerva*, previously placed in the room; and Mr. J. D. Bartley, before taking leave of the school with which he had been so pleasantly and acceptably connected as Principal for six years, left a substantial testimonial of his interest in the school, in the form of a valuable set of Cyclopædias. And, mainly, by the efforts of the scholars, valuable additions of reference books, and books adapted to increase an interest in the studies pursued, have been made to the libraries of both the High and Grammar schools. All of these gifts are gratefully acknowledged.

For whatever of good has been accomplished during the past year, thanks are chiefly due the earnest and faithful teach-

ers. upon whom the labor and care of the schools have mainly rested.

For the School Board, it should be said simply, that its members have worked together throughout the year, with entire harmony and good-will, having in view the single purpose—to promote to the highest degree possible to them, all the interests of the Public Schools of the City.

Respectfully Submitted.

H. O. WHEELER.

Superintendent.

January, 1882.

REPORT
OF THE
CITY ATTORNEY.

To the City Council of the City of Burlington :

GENTLEMEN:—

I have the honor to submit the following report, as to the business of this office during the past year.

There are two cases now pending in the Court of Chancery against the City, and its collector, L. J. Smith: one is in favor of R. S. Taft and wife, and the other, in favor of R. S. Taft, administrator of Henry Whitney's estate. These suits are to enjoin the collection of taxes assessed on the grand list of 1879. Negotiations for the settlement of both of these have been in progress for some time, and in all probability, before the next April term of court both of them will be settled in a manner that will be for the best interests of the City.

A suit has been brought against the City by K. B. Walker to recover back taxes paid by him under protest, amounting to the sum of \$80.11, assessed upon the grand list of 1881: said Walker claiming that his list for that year, was made up in an illegal manner. This suit has been appealed from the City Court, where it was originally brought, without a trial, and has not yet been entered in the County Court.

There is a bastardy suit, *Sarah Montena* against *Michael Brown*, that was commenced and is controlled by the overseer of the poor, now pending in the County Court, which will stand for trial at the next April term if not settled before that time.

The other litigation in which the City has been interested has been various prosecutions for violations of City ordinances, and some prosecutions for minor criminal offences, none of which are now pending.

The other business of the office has been counsel and advice to the different departments as required, of which there has been a considerable, all of which has been given to the end of avoiding litigation, and in furtherance of what was thought to be the best interests of the City.

Burlington, January 1st, 1882.

Respectfully submitted,

HENRY BALLARD,

City Attorney.

REPORT

OF THE

CITY TREASURER.

To the City Council of the City of Burlington :

GENTLEMEN:—

I herewith present to you the seventeenth annual report of the City Treasurer, from January 1st to December 31st, 1881, giving the receipts and expenditures, the sources from which the revenue was derived, and in what manner disbursed, showing the financial condition of the City December 31st, 1881:

BILLS PAYABLE—BONDS.

Water bonds, 6 per cent, amount issued, \$255,000	
Less redeemed and cancelled,	10,100—\$244,900 00
Improvement bonds, 6 per cent, amount issued,	35,000 00
Refunded bonds, 5 “ “ “ “ “	145,000 00
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Total bonded debt,	\$424,900 00

BILLS PAYABLE—LOANS.

RECEIPTS.

From balance, January 1st, 1881,	\$34,234 22
“ notes discounted,	60,700 00
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	\$94,934 22

EXPENDITURES.

For paid note on account of refunded loan,	\$ 5,000 00
“ “ notes for temporary loan,	60,700 00
“ balance to account of 1882.	29,234 22
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	\$94,934 22

BILLS RECEIVABLE.

RECEIPTS.

From School Department, acceptances,	\$ 7,369 74
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EXPENDITURES.

For balance January 1, 1881,	\$ 1,676 24
“ paid School Department, acceptances,	5,693 50
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	\$ 7,369 74

BILLS RECEIVABLE.

EXPENDITURES.

For amount paid for 1,600 shares capital stock of Burlington and Lamoille Railroad,	\$160,000 00
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BRIDGES—WINOOSKI AND HEINEBERG.

RECEIPTS.

From Town of Colchester, $\frac{1}{5}$ of repairs in 1881,	\$343 30
“ City tax of 1881, overdraft in 1880,	478 88
“ incidental department, for insurance,	18 00
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	\$840 18

EXPENDITURES.

For overdraft, January 1, 1881,	\$478 88
“ paid Vermont Mutual Insurance Co.,	18 00
“ transfer to Street Department amount collected of Colchester,	343 30
	<hr/>
	\$840 18

BURLINGTON WATER WORKS—CONSTRUCTION.

RECEIPTS.

From late account January 1, 1881.	\$ 20,519 04
“ Water Works, current appropriation to higher service.	2,627 94
“ City tax appropriation to ordinary.	2,000 00
“ sales of iron pipe to Wakefield Marble Co..	127 00
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	\$ 25,273 98

EXPENDITURES.

For amount of late account, January 1, 1881.	\$271,470 83
“ paid F. H. Parker, Supt., on higher service.	6,953 16
“ “ “ “ “ ordinary,	1,244 75
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	\$279,668 74

BURLINGTON WATER WORKS—CURRENT.

RECEIPTS.

From balance of late account, January 1, 1881.	\$ 2,627 94
“ Water Works collections, appropriation.	7,000 00
“ overdraft to balance,	1,853 75
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	\$ 11,481 69

EXPENDITURES.

For paid Water Works construction higher service,	\$ 2,627 94
“ “ Elias Lyman, coal bill for office,	26 50
“ “ F. H. Parker, Supt., appropriation.	7,000 00
“ “ “ “ overdraft,	1,827 25
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	\$ 11,481 69

BURLINGTON WATER WORKS—COLLECTIONS.

RECEIPTS.

From collections of water rates for 1881,	\$ 21,504 97
.. 1880,	1,397 31
.. sales of pipe, etc.,	8 95
.. .. grass on reservoir lot,	20 00
	<u>\$ 22,931 23</u>

EXPENDITURES.

For paid Ninth National Bank interest on bonds.	\$ 14,694 00
.. .. Water Works, current appropriation,	7,000 00
.. transfer to Water Meters,	556 54
.. unexpended balance,	680 69
	<u>\$22,931 23</u>

BURLINGTON WATER METERS.

RECEIPTS.

From sales of meters,	\$ 387 64
.. transfer to Water Works collections,	556 54
	<u>\$ 944 18</u>

EXPENDITURES.

For balance of late account, Jan. 1, 1881,	\$ 495 80
.. paid Union Water Meter Co.,	448 38
	<u>\$ 944 18</u>

CEMETERY COMMISSIONERS.

RECEIPTS.

From interest on Hatch fund,	\$ 6 00
.. City tax of 1881, appropriation for balance,	3 67
.. City tax of 1881, appropriation,	250 00
.. P. H. Catlin, Com'r., sale of lots,	893 36
.. *overdraft to balance,	77 60
	<u>\$ 1,230 63</u>

* Paid in 1882.

EXPENDITURES.

For balance of late account, Jan. 1, 1881,	\$	103 67
“ paid P. H. Catlin, Commissioner.		150 00
“ “ “ “ in-		
terest on Hatch fund,		6 00
“ “ Street Department, for gravel		
on driveways,		77 60
“ “ P. H. Catlin, Commissioner.		
from receipts of lots.		893 36
	— \$	1,230 63

CITY TAX, 1878.

RECEIPTS.

From collections,	\$	28 50
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EXPENDITURES.

For amount transferred to City tax of 1881,	\$	28 50
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CITY TAX, 1879.

RECEIPTS.

From collections,	\$	804 38
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EXPENDITURES.

For amount transferred to City tax of 1881,	\$	804 38
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CITY TAX, 1880.

RECEIPTS.

From collections,	\$3,370 80
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EXPENDITURES.

For amount transferred to City tax of		
1881,	\$	499 23
“ balance of late account, January 1,		
1881,		2,871 57
	—	\$3,370 80

CITY TAX, 1881.

RECEIPTS.

From collections.	\$70.972 50
“ transfers from 1878-79-80.	1,332 11
	<u>\$72.304 61</u>

EXPENDITURES.

For appropriation to interest on refunded bonds.	\$ 8,000 00
“ “ “ “ improvement “	2,100 00
“ “ “ School Department.	18,000 00
“ “ “ Pauper “	3,500 00
“ “ “ Fletcher Free Library.	2,400 00
“ “ “ Fire Department.	5,000 00
“ “ “ parks, City, Battery and College.	400 00
“ “ “ Street Light Department.	3,700 00
“ “ “ Sewer Department.	3,657 38
“ “ “ Water Department, con- struction.	2,000 00
“ “ “ Cemetery Commissioners.	250 00
“ “ “ Health Department.	500 00
“ “ “ U. S. Deposit fund.	6,240 89
“ “ “ Criminal Department, over receipts for costs (in all \$3,700).	3,078 88
“ “ “ interest account.	2,335 80
“ “ “ public buildings.	18 12

For appropriations for overdrafts in 1880, as follows :

For bridges, Winooski and Heineberg, balance of 1880.	478 88
“ Cemetery Commissioners, balance of 1880.	3 67
“ Criminal Department, “ “ “	386 83
“ Street Light “ “ “	105 58
“ parks, City, Battery and College, balance of 1880.	82 35

For public buildings,	balance of 1880.	589 30
“ Fletcher Free Library,	“ “ “	4 86
“ appropriation to incidental department.		5,886 91
“ unexpended balance,		3,585 88
		<hr/>
		\$72,304 61

CRIMINAL DEPARTMENT.

RECEIPTS.

From appropriation for overdraft in 1880.	\$	386 83
“ S. Haselton, City Judge, fines and costs.		358 50
“ L. A. Drew, Chief of Police, on mittimuses,		162 88
“ A. J. Howard, County Clerk, on appeal.		15 06
“ J. W. Russell, Justice, fines and costs.		60 19
“ H. S. Peck, “ “ “ “		24 49
“ appropriation (over fines and costs to equal \$3,700),		3,078 88
“ overdraft to balance.		625 33
		<hr/>
		\$ 4,712 16

EXPENDITURES.

For balance of late account, January 1. 1881.	\$	386 83
“ paid S. Haselton, Judge, costs in City court.		504 94
“ “ J. W. Russell, Justice, costs.		31 96
“ “ H. S. Peck, “ “		21 47
“ “ L. A. Drew, Chief of Police, services 11 months,		3,306 15
“ “ L. A. Drew, jailor, boarding prisoners.		137 20
“ “ Vermont Reform School, board bill,		181 81
“ “ Burlington Gas Light Co.,		60 80
“ “ “ Water Works,		10 00
“ “ Elias Lyman, coal bill.		52 75
“ “ Jo H. Linsley, medical attendance on prisoners,		5 00
“ “ A. G. Strong, lock for police office.		1 75

REPORT OF CITY TREASURER.

153

For paid A. J. Howard, clerk, copies,	7 50
“ “ Mark Thompson, printing for police.	4 00
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	\$ 4.712 16

DOG DEPARTMENT.

RECEIPTS.

From W. H. Root, City clerk, for licenses,	\$ 173 00
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EXPENDITURES.

For paid F. Shortsleeves, killing 14 dogs,	\$ 14 00
“ transfer to incidental department,	159 00
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	\$ 173 00

FIRE ALARM TELEGRAPH.

RECEIPTS.

From amount transferred to Fire Department,	\$ 1.627 58
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EXPENDITURES.

For paid M. G. Crane & Co., boxes, etc.,	\$ 1.149 73
“ “ Wells, Richardson & Co., oil vitriol.	64 01
“ “ A. Adsit, putting up and care of fire alarm boxes,	317 26
“ “ Free Press Association, printing.	10 25
“ “ H. E. Adams, care of indicator.	12 00
“ “ Drew & Conger, 26 cedar posts,	32 50
“ “ Shepard and Morse Lumber Co.,	13 49
“ “ W. H. Townsend, for striker.	4 25
“ “ Abial Pevey, battery zinc.	24 09
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	\$ 1.627 58

FIRE DEPARTMENT.

RECEIPTS.

From balance of late account, January 1, 1881,	\$ 115 53
“ appropriation for current and fire alarm,	5,000 00
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	\$ 5,115 53

EXPENDITURES.

For paid A. S. Drew, Chief Engineer, salary,	\$ 100 00
“ “ “ “ “ sundries,	4 50
“ “ Boxer Engine Co., current expenses,	187 53
“ “ Ethan Allen Engine Co., “ “	254 69
“ “ Hook and Ladder Co., “ “	145 70
“ “ Howard Hose Co., “ “	83 84
“ “ Barnes Hose Co., “ “	115 17
“ “ Star Hose Co., “ “	126 67
“ “ Clipper Hose Co., “ “	36 74
“ “ F. W. Burritt, hall rent, E. A. E. Co.,	135 00
“ “ E. Woods, “ “ Star Hose Co.,	100 00
“ “ A. & F. Johannott, 1 barrel oil,	53 25
“ “ painting Hook and Ladder truck,	45 00
“ “ for harness “ “ “ “	14 00
“ “ “ repairs “ “ “ “	2 50
“ “ Z. T. Austin, repairs E. A. Engine house,	41 28
“ “ H. J. Nelson, bill in 1876, for Boxer E. Co.,	19 26
“ “ Free Press, printing, 1880, “ “ “ “	15 10
“ “ Elias Lyman, coal bill,	42 40
“ “ Sherman Band, annual parade,	50 00
“ “ City “ “ “	30 00
“ “ A. Crosby, repairs and wrench,	12 25
“ “ G. I. Hagar, lock for Chief Engineer,	60
“ “ O. C. Stacy, livery bill,	6 00
“ “ L. A. Drew, “ “	6 00
“ “ Cairn Bros., for helmets,	8 55
“ “ M. G. Crane & Co., for tapper,	13 00
“ “ Free Press, printing,	2 75

REPORT OF CITY TREASURER.

155

For paid H. C. Smith, livery bill for chief,	1 00
" " B. S. Nichols & Co., 1,000 feet linen hose,	400 00
" " D. K. Zottman, 1 stove for Boxers,	25 75
" " Burlington Water Works,	1,200 00
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	\$ 3,278 53
" amount transferred from fire alarm telegraph,	\$ 1,627 58
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	\$ 4,906 11
" unexpended balance,	209 42
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	\$ 5,115 53

FLETCHER FREE LIBRARY.

RECEIPTS.

From appropriation for overdraft in 1880,	\$ 4 86
" " " 1881,	2,400 00
" overdraft to balance,	335 36
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	\$ 2,740 22

EXPENDITURES.

For balance, January 1, 1881,	\$ 4 86
" paid T. P. W. Rogers, librarian, salary,	1,000 00
" " Lizzie R. Moore, assistant, "	420 00
" " Stone and others, assistants,	142 50
" " Griswold & Frissell, insurance,	100 00
" " Free Press Association, printing,	98 90
" " Mark Thompson, "	69 00
" " W. Scott, binding books,	299 25
" " Adsit & Bigelow, for coal,	20 75
" " Elias Lyman, " "	62 60
" " Burlington Gas Light Co.,	57 30
" " " Water Works,	10 00
" " plumbing and gas fitting,	66 45
" " Roby & Bros., repairs,	30 63

For paid Z. T. Austin, "	14 98
" " T. P. W. Rogers, librarian, travelling ex- penses,	57 00
" " incidental expenses,	286 00
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	\$ 2,740 22

GREEN MOUNT CEMETERY ASSOCIATION.

RECEIPTS.

From transfer to incidental department,	\$ 225 85
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EXPENDITURES.

For balance, January 1, 1881,	\$ 225 85
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HEALTH DEPARTMENT.

RECEIPTS.

From appropriation,	\$ 500 00
" overdraft to balance,	1 40
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	\$ 501 40

EXPENDITURES.

For paid H. H. Atwater, Health officer,	\$ 482 90
" " Free Press Association, printing,	18 50
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	\$ 501 40

IMPROVEMENT OF STREETS AND SEWERS.

EXPENDITURES.

For balance, January 1st, 1881,	\$35,000 00
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INCIDENTAL DEPARTMENT.

RECEIPTS.

From unexpended balance in 1880,	\$ 261 97
" E. Henry Powell, auditor, error in State taxes,	22 95
" Liquor Agency, profit and loss,	8 51

From License Department,	945 58
“ Dog Department,	159 00
“ appropriation to equal \$7,000.	5,886 91
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	\$7.284 92

EXPENDITURES.

For paid D. Roberts, City Attorney, to April 25th,	\$ 145 00
“ “ “ “ attorney fees,	30 00
“ “ H. Ballard, City Attorney, from April 25th.	250 00
“ “ R. S. Styles, printing annual reports,	367 00
“ “ Free Press Association, printing and advertising.	139 98
“ “ C. S. Kinsley, Burlington Clipper, advertising.	15 62
“ “ M. Thompson, job printing,	84 50
“ “ W. Scott, books and binding,	150 15
“ “ Ward Clerks, annual election,	20 00
“ “ N. B. Flanagan, livery bill,	15 00
“ “ Ripley & Holton, letter scales, City clerk,	6 00
“ “ D. C. Barber, rent, ward election,	10 00
“ “ expenses for Garfield memorial service,	26 25
“ “ Finneran and Lynch, cleaning Barnes hose house,	5 00
“ “ F. Shortsleeves, extra service Decoration day, etc.,	5 83
“ “ S. Huntington & Co., stationery,	90 31
“ “ H. H. Davis,	2 50
“ “ W. H. Root, Clerk, rate-bill and office expenses,	129 12
“ “ Nichols, Greene and Pope, assessors,	702 50
“ “ Smith and others, clerical work for assessors,	75 00
“ “ Drew and Lowry, auditors,	37 00
“ “ E. A. Milham, damage to person on Union street,	10 00
“ “ Burlington Telephone Company,	56 00

For paid transfer to credit of Green Mount Cemetery Association,	225 85
“ “ transfer to Water Works for 10 watering troughs,	250 00
“ “ Jo D. Hatch, Mayor, salary,	300 00
“ “ W. H. Root, clerk, salary,	800 00
“ “ G. D. Weller, treasurer, salary,	1,300 00
“ “ Water Works, water for street sprinkler,	200 00
“ “ G. D. Weller, treasurer, office expenses,	60 00
“ “ Vermont Mutual Insurance Co., insurance on bridges,	18 00
“ “ Street Department and others for numbering the City,	908 95
“ “ H. M. Price, clerical services for City Clerk,	96 13
“ “ James Wakefield, flagstaff on City Hall,	5 75
“ “ E. N. Peck, quarter-master, decoration day,	100 00
“ “ T. A. Wheelock, repairing lanterns on band stand,	30
“ “ witness fees, Reynolds vs. City,	6 10
“ “ State taxes refunded to savings bank and others,	22 95
“ “ unexpended balance,	618 13
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	\$7,284 92

INTEREST ACCOUNT—WATER BONDS.

RECEIPTS.

From collections of water rates,	\$14,694 00
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EXPENDITURES.

For paid Ninth National Bank interest,	\$14,694 00
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INTEREST ACCOUNT—IMPROVEMENT BONDS.

RECEIPTS.

From appropriation for 1881,	\$2,100 00
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EXPENDITURES.

For paid Ninth National Bank interest,	\$2,100 00
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 INTEREST ACCOUNT—REFUNDED BONDS.

RECEIPTS.

From balance January 1st, 1881.	\$4,000 00
“ appropriation for 1881.	8,000 00
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	\$12,000 00

EXPENDITURES.

For paid Ninth National Bank interest.	\$8,000 00
“ unexpended balance to account of 1882.	4,000 00
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	\$12,000 00

INTEREST ACCOUNT.

RECEIPTS.

From appropriation for 1881.	\$2,335 08
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EXPENDITURES.

For paid school fund interest on U. S. D. Fund,	\$1,747 39
“ “ So. Burlington. interest on U. S. D. Fund,	23 27
“ “ interest on temporary loans.	564 42
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	\$2,335 08

LAND DAMAGE AND ASSESSMENTS.

RECEIPTS.

From unexpended balance in 1881,	\$125 95
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LICENSE DEPARTMENT.

RECEIPTS.

From hotel licenses,	\$ 30 00
“ restaurant licenses,	116 66
“ billiard table licenses,	45 00
“ Carriage licenses,	65 00
“ auctioneers and transient venders.	36 50

From Coup's circus,	50 00
" market licenses.	621 17
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	\$964 33

EXPENDITURES.

For paid Peter Smith, market license, refunded.	\$ 18 75
" balance transfered to incidental department,	945 58
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	\$964 33

LIQUOR AGENCY, J. MITCHELL. Agent.

RECEIPTS.

From J. Mitchell, agent, sales of liquors.	\$2,086 23
" liquors on hand per invoice.	361 07
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	\$2,447 30

EXPENDITURES.

For amount of liquors on hand January 1st. 1881.	\$ 355 63
" paid I. D. Richards & Sons. invoices liquors.	865 46
" " H. A. Blanchard, invoice liquors.	176 50
" " F. G. Tullidge, invoice liquors.	153 50
" " H. Greene, assignee, invoice liquors.	46 00
" " E. Lyman, invoice coal,	26 50
" " Griswold & Frissell, insurance.	2 25
" " Burlington Water Works,	10 00
" " " Gas Light Company.	2 95
" " public buildings, rent.	200 00
" " James Mitchell, agent, salary to October 1st,	450 00
" " James Mitchell, services for care of agency from October 1st to December 31st, 1881,	150 00
" transfer to incidental department. profit and loss,	8 51
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	\$2,447 30
New account. Dr., liquors on hand,	\$361 07

MINISTERIAL FUND.

RECEIPTS.

From collections of rents,	\$49 88
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EXPENDITURES.

For paid E. Barlow, treasurer 1st Congregational society,	\$24 94
“ “ L. F. Englesby, treasurer 1st Calvinistic Congregational Society,	24 94
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	\$49 88

PARKS—CITY, BATTERY AND COLLEGE.

RECEIPTS.

From appropriation for over-draft in 1880,	\$ 82 35
“ “ “ “ “ 1881,	400 00
“ Vermont Central Railroad, rent for Queen City Park,	5 00
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	\$487 35

EXPENDITURES.

For paid over-draft, January 1st, 1881,	\$ 82 35
“ “ V. G. Barbour, appropriation for College Park,	100 00
“ “ George I. Hagar, for bill,	1 75
“ “ Street Department for gravel on Battery Park,	16 00
“ “ John Griffin, repairs on fountains,	10 35
“ “ Water Works, water for 3 fountains,	75 00
“ “ Larose and Shortsleeves, care of City and Battery Parks,	101 25
“ “ H. G. Chase, repairing mower,	5 50
“ “ John Wardlow, for work,	3 75
“ “ G. I. Hagar, fixtures for mower,	1 80
“ “ Alfred Deforge, six elm trees,	4 50

For paid John Alipa, painting fountain,	1 00
“ “ Jo. Larose, making tool room,	2 06
“ “ Street Department, repairs on City and Battery Parks,	69 19
“ unexpended balance,	12 85
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	\$487 35

PAUPER DEPARTMENT.

RECEIPTS.

From unexpended balance in 1880,	\$ 945 18
“ appropriation for 1881,	3,500 00
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	\$4,445 18

EXPENDITURES.

For paid Elias Lyman, coal bill,	272 00
“ “ Vermont Mutual Insurance Company,	6 75
“ “ H. Greene, overseer of poor,	3,988 00
“ unexpended balance,	178 43
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	\$4,445 18

PUBLIC BUILDINGS.

RECEIPTS.

From appropriation for over-draft in 1880,	\$ 589 30
“ W. H. Root, janitor, rents of hall,	133 50
“ John Griffin, rent of store,	220 66
“ Liquor Agency, rent of store,	200 00
“ G. L. Linsley, for coal balance,	127 72
“ Eugene Lalime, rent of Hall,	200 00
“ Ferguson Man'fg Co., rent of market,	100 00
“ appropriation in excess of above rents of \$981.88 to equal \$1,000 in all,	18 12
“ over-draft to balance,	667 33
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	\$2,256 63

EXPENDITURES FOR CITY HALL.

For paid Burlington Gas Light Company,	\$ 176 01
" " John Griffin, plumbing and gas fitting,	210 31
" " L. A. Drew, repairs in police office,	21 53
" " A. P. Lowell, work making repairs,	43 88
" " Bronsons, Weston, Dunham & Co., lumber for floor in Griffin's store,	19 61
" " T. A. Wheelock, fitting register,	3 90
" " A. G. Strong, nails for floor in Griffin's store,	4 07
" " U. Caise, painting in office of Superintend- ent Streets,	1 00
" " A. G. Lucas, glazing,	3 15
" " Griswold & Frissell, insurance,	30 00
" " Drew & Conger, ice bill,	10 00
" " W. H. Root, janitor expenses,	7 37
" " Elias Lyman, bill of coal,	129 50
" " Burlington Water Works, water for offices,	30 00
" " W. H. Root, janitor, for salary,	360 00
" " Street Department, for work,	2 65
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	\$1,052 98

EXPENDITURES ON FLETCHER LIBRARY.

For paid J. E. Lanou, tinning roof,	\$306 88
" " Nash & Wardlow, plumbing etc., in 1880,	59 66
" " G. I. Hagar, paints, etc.,	25 42
" " Bronsons, Weston, Dunham & Co., lumber,	7 50
" " H. Roby & Bro's, work in Boxer room, 1880,	2 13
" " T. S. Peck, agent, insurance,	23 00
" " O. Mitchell, work on conductor,	50
" " Vermont Mutual Insurance Company,	6 75
" " John Lowry, painting,	29 70
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	\$461 54

EXPENDITURES ON CITY MARKET AND HAY SCALES.

For paid J. Desjardines, repairing roof,	\$ 62 16
“ “ Howe Scale Co., repairing hay scales,	38 43
“ “ H. Roby & Bro's, labor on hay scales,	28 25
“ “ Central Vermont Railroad, freight on cast- ings hay scales,	2 38
“ “ Western Union Telegraph Company, hay scales,	1 34
“ “ Vermont Mutual Insurance Company,	20 25
	<hr/>
	\$152 81

RECAPITULATION OF EXPENDITURES.

For over-draft, January 1, 1881,	\$ 589 30
“ expenditures on City Hall,	1,052 98
“ “ “ Fletcher Library,	461 54
“ “ “ City Market,	82 41
“ “ “ hay scales,	70 40
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	\$2,256 63

SCHOOL DEPARTMENT.

RECEIPTS.

From balance January 1st, 1881,	\$ 05
“ commissioners, on acceptances,	19,193 50
“ interest on U. S. D. Fund,	1,747 39
“ “ “ City bonds, 6s,	84 00
“ rents on lease lands,	147 78
“ H. O. Wheeler, superintendent, tuition bills,	724 50
“ “ “ “ “ for paid in- surance,	43 95
“ tax collections for 1881,	18,000 00
“ over-draft to balance,	1,202 92
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	\$41,144 09

EXPENDITURES.

For paid commissioners' warrants for loans,	\$20,869 74
" " interest on loans,	299 24
" " commissioners' warrants for pay-rolls,	16,390 35
" " " " " incidentals,	2,740 81
" " " " " superintend- ent's salary,	800 00
" " Henry Green, agent, insurance,	43 95
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	\$41,144 09

SEWER DEPARTMENT.

RECEIPTS.

From appropriation for 1881,	\$ 3,657 38
" Pearl street sewer, collections,	2,624 30
" Willard " " "	583 20
" George " " "	517 99
" Peru " " "	96 99
" Bank " " "	200 91
" Main " " " by A. R. Dow, Supt.,	397 41
" Ravine " " "	200 00
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	\$ 8,278 18

EXPENDITURES.

For paid overdraft, January 1, 1881,	\$ 2,935 25
" " W. H. Root, clerk, making assessment roll,	60 00
" " A. R. Dow, Supt., construction Main street sewer,	531 35
" " A. R. Dow, Supt., construction Ravine sewer,	1,537 83
" " A. R. Dow, Supt., general repairs of sewers,	172 02
" unexpended balance,	3,041 73
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	\$ 8,278 18

SIDEWALK AND STREET IMPROVEMENTS.

RECEIPTS.

From Union	street assessments collected,	\$ 1,654 06
" St. Paul	" " "	149 03
" A. R. Dow, Supt.,	College street collections,	1,254 39
" " " Main	" "	871 73
" " " transfer to Street Department,		1,391 79
" overdraft to balance,		390 36
		<u>\$ 5,711 36</u>

EXPENDITURES.

For paid overdraft, January 1, 1881,	\$ 2,193 45
" " A. R. Dow, Supt., for Main street sidewalk,	1,509 12
" " A. R. Dow, Supt., for College street sidewalk,	2,008 79
	<u>\$ 5,711 36</u>

SINKING FUND.

RECEIPTS.

From amount of receipts to January 1, 1881,	\$87,536 20
" interest received on City bonds,	2,571 00
" collections on tax of 1879,	35 00
" " " " 1880,	44 87
" " " " 1881,	2,426 41
	<u>\$92,613 48</u>

EXPENDITURES.

For amount of expenditures to January 1, 1881,	\$87,380 00
" paid City of Burlington, for 10-40 5 per cent registered bonds, dated April 1, 1880,	5,000 00
	<u>\$92,380 00</u>

NOTE.—Sinking fund holds \$17,850 6 per cent and \$45,000 5 per cent City bonds, in all, \$62,850.

STREET NUMBERING.

RECEIPTS.

From transfer to incidental department,	\$ 908 95
---	-----------

EXPENDITURES.

For paid Street Department and others, for numbering the City,	\$ 908 95
--	-----------

STREET DEPARTMENT.

RECEIPTS.

From balance, January 1, 1881,	\$ 2,088 97
“ tax collections for 1878-79-80,	172 32
“ “ “ “ 1881,	15,569 64
“ town of Colchester $\frac{1}{5}$ of repairs on Heineberg bridge,	343 30
“ Battery Park and Lake View Cemetery for gravel,	93 60
“ A. R. Dow, Supt., for coal,	52 75
	<hr/>
	\$18,320 58

EXPENDITURES.

For paid L. J. Smith, serving citations,	\$ 6 92
“ “ E. Lyman, coal bill,	52 75
“ “ A. R. Dow, Supt., for streets,	15,751 55
“ “ “ “ “ sidewalks,	1,391 79
“ unexpended balance,	1,117 57
	<hr/>
	\$18,320 58

STREET LIGHT DEPARTMENT.

RECEIPTS.

From appropriation for balance in 1880,	\$ 105 58
“ “ “ 1881,	3,700 00
	<hr/>
	\$ 3,805 58

EXPENDITURES.

For balance, January 1, 1881,	\$ 105 58
“ paid Burlington Gas Light Co.,	1,992 46
“ “ Globe “ “ “	1,321 98
“ “ A. R. Dow, Supt. streets, repairs,	194 79
“ unexpended balance,	190 77
	<hr/>
	\$ 3,805 58

TAX COLLECTIONS, 1878.

RECEIPTS.

From L. J. Smith, constable, collections,	\$ 49 71
---	----------

EXPENDITURES.

For paid Duguay and Nye, poll taxes refunded,	\$ 8 20
“ transfer to collections of 1877,	9 82
“ “ “ City tax “ 1878.	28 50
“ “ “ highway tax of 1881,	3 19
	<hr/>
	\$ 49 71

TAX COLLECTIONS, 1877.

RECEIPTS.

From tax collections of 1878,	\$ 9 82
-------------------------------	---------

EXPENDITURES.

For p'd McCaffrey and Gilmond, poll taxes refunded,	\$ 9 82
---	---------

TAX COLLECTIONS, 1879.

RECEIPTS.

From L. J. Smith, constable, collections,	\$ 920 04
---	-----------

EXPENDITURES.

For paid Duguay and Labell, poll taxes refunded,	\$ 10 66
“ transfer to City tax of 1879,	804 38
“ “ “ highway “ “ 1881,	70 00
“ “ “ sinking fund “ “	35 00
	<hr/>
	\$ 920 04

TAX COLLECTIONS, 1880.

RECEIPTS.

From collections,	\$ 528 80
“ L. J. Smith, constable, collections,	3,026 33
	<u>\$ 3,555 13</u>

EXPENDITURES.

For paid poll taxes and errors refunded,	\$ 40 33
“ transfer to City tax of 1880,	3,370 80
“ “ “ highway “ “ 1881,	99 13
“ “ “ sinking fund “ “	44 87
	<u>\$ 3,555 13</u>

TAX COLLECTIONS, 1881.

RECEIPTS.

From collections by City Treasurer,	\$83,472 94
“ J. A. Page, State Treasurer, Savings Bank tax,	3,335 54
“ L. J. Smith, constable, collections,	2,215 37
	<u>\$89,023 85</u>

EXPENDITURES.

For transfer to City tax of 1881,	\$70,972 50
“ “ “ highway “ “ “	15,569 64
“ “ “ sinking fund tax of 1881,	2,426 41
“ paid poll taxes and errors refunded,	55 30
	<u>\$89,023 85</u>

UNITED STATES DEPOSIT FUND.

RECEIPTS.

From appropriation from City tax,	\$ 6,240 89
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EXPENDITURES.

For paid J. A. Page, State Treasurer, amount re- funded in the redistribution based on the census of 1880,	\$ 6,240 89
--	-------------

City Treasurer's Balance Sheet for the year 1881.

	Expenditures.	Receipts.	Dr. Balance.	Cr. Balance.
Bills payable, Water Bonds.....	\$10,100.00	\$255,000.00	.....	\$244,900.00
Bills payable, Improvement Bonds.....	.....	35,000.00	.....	35,000.00
Bills payable, Refunding Bonds.....	.....	145,000.00	.....	145,000.00
Bills payable, Temporary Loans.....	65,700.00	94,934.22	.....	29,234.22
Bills receivable,.....	7,369.74	7,369.74	.....	.....
Bills receivable, Capital Stock B. & L. R. R.....	160,000.00	.....	160,000.00	.....
Bridges, Winoski and Heineberg.....	840.18	840.18	.....	.....
Burlington Water Works, construction.....	279,668.74	25,273.98	254,394.76	.....
Burlington Water Works, current expenses.....	11,481.69	9,627.94	1,853.75	.....
Burlington Water Works, collections.....	22,250.54	22,931.23	.....	680.69
Burlington Water Meters.....	944.18	944.18	.....	.....
Cemetery Commissioners.....	1,230.63	1,153.03	77.60	.....
City Tax, 1878.....	28.50	28.50	.....	.....
City Tax, 1879.....	804.38	804.38	.....	.....
City Tax, 1880.....	3,370.80	3,370.80	.....	.....
City Tax, 1881.....	68,718.73	72,304.61	.....	3,585.88
Criminal Department.....	4,712.16	4,086.83	625.33	.....
Dog Department.....	173.00	173.00	.....	.....
Fire Department.....	4,906.11	5,115.53	.....	209.42
Fletcher Free Library.....	2,740.22	2,404.86	335.36	.....
Green Mount Cemetery Association.....	225.85	225.85	.....	.....
Health Department.....	501.40	500.00	1.40	.....
Improvement of Streets and Sewers.....	35,000.00	.....	35,000.00	.....
Incidental Department.....	6,666.79	7,284.92	.....	618.13
Interest Account, Water Bonds.....	14,694.00	14,694.00	.....	.....
Interest Account, Improvement Bonds.....	2,100.00	2,100.00	.....	.....
Interest Account, Refunding Bonds.....	8,000.00	12,000.00	.....	4,000.00

Interest Account.....	2,335.08	2,335.08	.....	.....	125.95
Land Damage and Assessments.....	.....	125.95	.....	.....	.....
License Department.....	964.33	964.33	.....	.....	.....
Liquor Agency.....	2,447.30	2,447.30	.....	.....	.....
Liquor Agency, new account, Dr.....	361.07	.....	.....	361.07	.....
Ministerial Fund.....	49.88	49.88	.....	.....	.....
Parks, City, Battery and College.....	474.50	487.35	.....	.....	12.85
Pauper Department.....	4,266.75	4,445.18	.....	.....	178.43
Public Buildings.....	2,256.63	1,589.30	.....	667.33	.....
School Department.....	41,144.09	39,941.17	.....	1,202.92	.....
Sewer Department.....	5,236.45	8,278.18	.....	.....	3,041.73
Sidewalk and Street Improvement.....	5,711.36	5,321.00	.....	390.36	.....
Sinking Fund.....	92,380.00	92,613.48	.....	.....	233.48
Street Department.....	17,203.01	18,320.58	.....	.....	1,117.57
Street Light Department.....	3,614.81	3,805.58	.....	.....	190.77
Street Numbering.....	908.95	908.95	.....	.....	.....
Tax Collections, 1877.....	9.82	9.82	.....	.....	.....
Tax Collections, 1878.....	49.71	49.71	.....	.....	.....
Tax Collections, 1879.....	920.04	920.04	.....	.....	.....
Tax Collections, 1880.....	3,555.13	3,555.13	.....	.....	.....
Tax Collections, 1881.....	89,023.85	89,023.85	.....	.....	.....
United States Deposit Fund.....	6,240.89	6,240.89	.....	.....	.....
Cash Balance.....	13,219.24	.....	.....	13,219.24	.....
Total.....	\$1,004,600.53	\$1,004,600.53	\$468,129.12	\$468,129.12	\$468,129.12

Burlington, Vt., December 31, 1881.

We have examined the foregoing accounts of the City Treasurer, together with the vouchers for the items of each department, and find them correct.

G. D. WELLER, City Treasurer.

SAM'L A. DREW,)
A. B. LOWRY,) Auditors.
MICAH H. STONE.)

MAYOR'S ESTIMATES.

To the Honorable Board of Aldermen:—

GENTLEMEN:—

I herewith submit for your consideration a statement of the financial condition of the City, January 1st, 1882, with an estimate for ordinary expenses for the current year, and the amount necessary to be raised by taxation:

ASSETS.

Balance in treasury January 1st, 1882,	\$ 13,219 24
Uncollected taxes, available, 1879,	\$ 75 00
“ “ “ 1880,	900 00
“ “ “ 1881,	1,600 00
	<hr/> 2,575 00
Uncollected water rates,	642 24
“ sewer and sidewalk assessments,	390 36
	<hr/>
Total,	\$ 16,826 84

 LIABILITIES.

Interest on refunded bonds, due April		
1st, 1882.	\$	4,000 00
Amount of over-drafts in several de-		
partments.		2,830 94
Amount due sinking fund,		233 48
" balance highway tax (unex-		
pended).		1,117 57
		<hr/>
		8,181 99
		<hr/>
Leaving the balance of assets over		
liabilities,	\$	8,644 85

ESTIMATED RECEIPTS.

From licenses,	\$	900 00
" rent of City Hall,		700 00
" rent of City Market.		100 00
" criminal department,		500 00
" water service rates,		21,500 00
" State for tax on savings banks,		3,000 00
		<hr/>
		\$ 26,700 00
		<hr/>
Total of assets and estimated receipts,	\$	35,344 85

ESTIMATED EXPENSES.

For salaries,	\$	3,000 00
" Pauper Department,		4,500 00
" Fletcher Free Library,		2,600 00
" Criminal and Police,		4,500 00
" Fire Department, (current),		3,000 00

For Fire Department, for fire alarm	
boxes, new hose and repairs of	
hose carts,	1,500 00
" Care of parks,	400 00
" Public buildings, including re-	
pairs, fuel, lights, and care of,	800 00
" Street lighting,	3,500 00
" Health Department, including	
cost of free vaccination,	2,100 00
" Water Works (current),	7,000 00
" School Department,	18,230 98
" Miscellaneous and incidental,	7,000 00
Total,	————— \$ 58,130 98

INTEREST ACCOUNT.

Interest on water	bonds, 6s,	\$ 14,694 00
" " improvement	" "	2,100 00
" " refunded	" 5s.	8,000 00
" " U. S. deposit fund,		1,372 94
" " temporary loans,		300 00
		————— \$ 26,466 94
Total of interest account and estimated		
expenses,		\$ 84,597 92
From which deduct assets, and es-		
timated receipts,		\$ 35,344 85
		—————
Which leaves to be provided for by		
tax, for current expenses, includ-		
ing schools,		\$ 49,253 07
The present Grand List is		\$ 80,055 01

A tax of 62 cents on the dollar will

raise, \$ 49,634 10'

I would recommend for the current

year :

A City tax of, 62 cents.

" highway tax (established by law) of 20 "

" sinking fund tax of 8 "

A total of, 90 "

The bonded debt is as follows :

Water bonds, 6s, \$244,900 00

Improvement " " 35,000 00

Refunded " 5s, 160,000 00

Total, ————— \$439,900 00

The sinking fund holds.

City bonds, 6s, \$ 17,850 00

" " 5s, 45,000 00

" funds (uninvested), 233 48

————— \$ 63,083 48

Which deducted, leaves the actual

bonded debt, \$376,816 52

A reduction of \$5,077.28 during the past year.

JO D. HATCH,

Mayor.

February 6, 1882.

CITY ORDINANCES.

(No. 41.)

AN ORDINANCE IN RELATION TO PRIVATE DRAINS.

SEC. 1. Persons may enter private drains into public sewers, under conditions. Superintendent of Streets to have the direction of, and authority to grant a permit to connect drains with public sewers. Applications for such permit, how made.

SEC. 2. Penalty for violations of the provisions of section one.

SEC. 3. Duties of owners of property on streets where public sewers have been, or may be constructed. Penalty for violation of the provisions of this section.

SEC. 4. Regulations respecting private drains. Penalty for violating this section.

SEC. 5. Repeals a former ordinance in relation to sewers.

It is hereby ordained by the City Council of the City of Burlington, as follows :

Persons may drain into public sewers, how.

SEC. 1. It shall be lawful for any person or persons owning or having the care of any lands or buildings abutting on any street in this City, through which a public sewer has been or shall hereafter be constructed, to drain such lands and buildings into such public sewer, at their own expense, without any charge therefor from the City, except the actual cost of making the connection—provided that all connec-

Connections to be made under the direction of the Supt. of Streets.

tions with the public sewers shall be made under the direction of the Superintendent of Streets, upon the written application of such person or persons. And it is hereby made the duty of the Superintendent of Streets to provide, and keep on hand at

his office, suitable blanks for applications for such connections with the public sewers, and to superintend the making of all such connections with the public sewers when applications are made to him therefor.

Application
how made.

SEC. 2. Any person who shall connect, or attempt to connect, any private drain with any public sewer of this City without the direction and supervision of the Superintendent of Streets, on written application to him therefor, shall pay a fine not exceeding twenty dollars, and not less than one dollar.

Penalty for
violation of
ordinance.

SEC. 3. All persons owning or having the charge of any house drain, privy-vault, cess-pool or water-closet in this City, situate on any street through which a public sewer has been or shall hereafter be constructed, shall cause such house-drain, privy-vault, cess-pool or water-closet to be connected with such public sewer by a suitable drain at his own expense, under the direction of the Superintendent of Streets, on written application to him therefor, within ten days after notice by the Health Officer in writing, after examination of the premises by said Health Officer, that the public health requires such connection to be made.

Owners of
property,
duties of.

Any person who shall refuse or neglect to comply with the provisions of this section shall pay a fine of five dollars, and one dollar in addition for every day he shall so refuse or neglect.

Fine.

Private
drains, reg-
ulations re-
specting.

SEC. 4. All private drains connecting with the public sewers shall be constructed of cement, iron, or vitrified tile pipe, not less than four inches in diameter, and all such drains connected with any dwelling house or other building, so as to make an open connection with the highest part of the soil pipe within the premises, through a pipe or flue, of not less than three inches in diameter, to a point above the roof of the main building. And all joints of such drains, pipes or flues shall be made secure to prevent the escape of any gas therefrom.

All kitchen, privy-vault, water-closet or cess-pool drains connecting with the public sewer shall be laid on an inclination or pitch of not less than one quarter of an inch to one foot, and cellar drains shall be laid on an inclination or pitch of not less than one quarter of an inch to two feet, and all privy vault drains shall be connected with a catch basin; and the discharge pipe of the vault shall be high enough above the bottom of the catch basin to prevent any solid substance from passing into the drain.

Penalty.

Any person who shall connect, or cause to be connected with the public sewer, any drain not constructed in accordance with the provisions of this section, shall pay a fine not exceeding twenty dollars, and not less than one dollar.

Repeal.

SEC. 5. An Ordinance entitled "An Ordinance in Relation to Sewers," approved January 30th, 1872, is hereby repealed.

(No. 42.)

AN ORDINANCE IN RELATION TO THE NUMBERING OF BUILDINGS.

SEC. 1. Street Commissioners to cause numbers to be affixed to all buildings, of such size, material and form as shall be for the public convenience. Streets, how numbered. Names of streets, how distinguished. Duties of owners of buildings. Penalty for disregard of the orders of the Street Commissioners.

*It is hereby ordained by the City Council of the
City of Burlington, as follows :*

SEC. 1. The Street Commissioners, subject to the orders and ordinances of the City Council, shall from time to time, as the convenience of the public may require, cause numbers to be affixed to or inscribed on all dwelling houses and other buildings or parts of buildings, fronting on any street, alley or public placé in said City; and shall also determine the form, size and material of such numbers, and the mode, place, succession and order of inscribing and affixing them on such houses or other buildings.

The numbering shall proceed continuously from the place of beginning, and each number shall be as nearly opposite its alternate as may be.

In all streets running in a Northerly and Southerly direction, and south of Pearl street or its continuation, the numbering shall commence at the north end of such street, and proceed southerly. In all streets north of Pearl street or its continuation, the numbering shall commence at the south end of such street and proceed northerly.

Pearl street
the initial
point.

In all streets crossing Pearl street the numbering shall commence at Pearl street. The odd numbers shall be on the westerly side of all such streets and the even numbers on the easterly side.

In all streets running in an easterly and westerly direction, the numbering shall commence at the west end of such streets. The odd numbers shall be on the southerly side of all such streets, and the even numbers on the northerly side.

Streets:
names of,
how to be
distinguish-
ed.

The names of streets crossing said Pearl street shall be prefixed by the word "South" on the south side of Pearl street, and by the word "North," on the north side of Pearl street.

Penalty.

Any owner or occupant of any building, or part of a building, who shall neglect or refuse for sixty days to affix to the same the number designated by the Street Commissioners, or who shall affix to the same, or retain thereon more than one day, any number contrary to the direction of said Commissioners, shall forfeit and pay a penalty of not less than one dollar, nor more than twenty dollars for every such offence: and a like penalty for every day thereafter until the directions of said Commissioners are complied with.

Approved March 8, 1881.

(No. 43.)

AN ORDINANCE IN AMENDMENT TO AN ORDINANCE, ENTITLED "AN ORDINANCE IN RELATION TO DEATHS AND BURIALS." APPROVED DECEMBER 3. 1878.

SEC. 1. Amendment of an Ordinance entitled "An Ordinance in relation to Deaths and Burials," now in force.

SEC. 2. Amendment of Section 4 of said Ordinance.

SEC. 3. Amendment of Section 6 of said Ordinance.

It is hereby ordained by the City Council of the City of Burlington, as follows:

Sec. 1. Section 2 of an Ordinance, entitled "An^{Amendm't.} Ordinance in Relation to Deaths and Burials," approved Dec. 3rd 1878, is hereby amended, by inserting after the word "person" where-ever it occurs in said Section, the words, "or of any still-born child."

Sec. 2. Section 4 of said Ordinance is hereby^{Amendm't.} amended by inserting in said Section after the words "deceased person," the words "or of any still-born child."

Sec. 3. Section 6, of said Ordinance is hereby^{Amendm't.} amended by inserting the words "within this City," after the words "removal permit" in line five (5), and by adding at the end of said Section, the following words: "And in all cases where the removal is of a body out of the City, or the burial is of a body brought into the City, the Health Officer shall receive the sum of fifty cents for each burial or removal permit, to be paid by the person applying for the same.

Approved June 10th, 1881.

(No. 44.)

AN ORDINANCE IN RELATION TO PUBLIC FOUNTAINS, RESERVOIRS AND WATERING TROUGHS.

SEC. 1. All persons forbidden to throw, put or place, in any of the waters of any Fountain, Reservoir or Watering Trough, any sticks, stones or filth of any kind.

SEC. 2. Wading in the waters of any Fountain, Reservoir or Watering

Trough, or permitting any dog or other animal to go into such waters.

SEC. 3. Duty of Constable and Police officers to enforce the provisions of this Ordinance.

SEC. 4. Penalty for violation.

It is hereby ordained by the City Council of the City of Burlington, as follows :

No person to put or place any sticks, etc., in any Fountain, etc.

SEC. 1. No person shall throw, put or place, or cause to be thrown, put or placed, in any basin of any public fountain, reservoir or watering trough, or in the water of any public fountain, reservoir or watering trough in the City, any stone, dirt ashes, shavings, sticks, garbage, rubbish or filth of any kind.

Persons not to bathe in or allow any animal, etc.

SEC. 2. No person shall wade or bathe in, or cause or permit a dog or other animal to go into or swim in the water of a public fountain, reservoir or watering trough in the City.

Who to enforce this ordinance.

SEC. 3. The City Constable and all police officers are especially directed to see that the provisions of this ordinance are enforced.

Penalty for violation.

SEC. 4. Any person offending against any of the provisions of this ordinance, shall, upon conviction thereof, forfeit and pay to the City a sum not less than five dollars nor more than fifty dollars, with all costs of prosecution.

Approved September 6th 1881.

(No. 45.)

AN ORDINANCE IN RELATION TO MARKETS AND
MARKETING, AND TO REGULATE THE SALE
OF FRESH MEATS AND FRESH FISH.

SEC. 1. Venders of fresh meat and fresh fish (except such fish as are caught in the waters of Lake Champlain and its tributaries) to obtain license of City Council.

SEC. 2. Licenses to run to the first day of January next after the granting thereof; to describe building.

SEC. 3. License fee for fresh meat and fresh fish market; for fresh fish alone. License fee for legal residents of the city for peddling fresh meat and fresh

fish; for other persons. No license required for the sale of beef by the quarter, pork by the half-hog, or veal, mutton or lamb by the carcass. License fee to be paid into City Treasury, with fee for City Clerk for recording, before issue of license.

SEC. 4. Fine for violation.

SEC. 5. Ordinance to take effect immediately.

SEC. 6. Repeal of former ordinance.

*It is hereby ordained by the City Council of the
City of Burlington, as follows:*

SEC. 1. No person shall keep a market. shop, ^{Market} licenses. cellar, or other place in the City of Burlington, for the sale of fresh meat or fresh fish, nor shall any person peddle or deliver from any cart or other vehicle in said City, to others than licensed market-men, any fresh meat or fresh fish (except such fish as are caught in the waters of Lake Champlain or any of its tributaries) without first obtaining a license therefor from the City Council.

SEC. 2. Every license granted shall be signed ^{Term of} license. by the Mayor, and shall run to the first day of January next after the granting thereof, and in case of a market, shall describe the building or place in which such market shall be kept, and any license may be revoked by the City Council, if they judge it for the public good so to do.

License
required.

SEC. 3. The license fee for the keeping of a market for the sale of fresh meat and fresh fish shall be twenty-five dollars for a year, or for any fractional part of a year, and for the sale of fresh fish alone, ten dollars for a year, or for any fractional part of a year. The license fee to be paid by legal residents of this City for peddling fresh meat and fresh fish shall be twenty-five dollars for a year or for any fractional part of a year, and to all other persons, for peddling at retail, or delivering fresh meat and fresh fish, or either, on retail orders in this City, fifty dollars—provided that no license fee shall be required for the sale of beef by the quarter: pork by the half-hog, veal, mutton or lamb by the carcass. Said license fee shall be paid into the City Treasury before the issuing of the license, and twenty-five cents to the City Clerk for the record of such license.

Clerk to
issue.

Penalty for
violations.

SEC. 4. Any person who shall violate this ordinance shall forfeit and pay to the said City for each offence, a sum not less than three dollars nor more than fifty dollars.

Ordinance
to take ef-
fect imme-
diately.

SEC. 5. This ordinance shall take effect immediately.

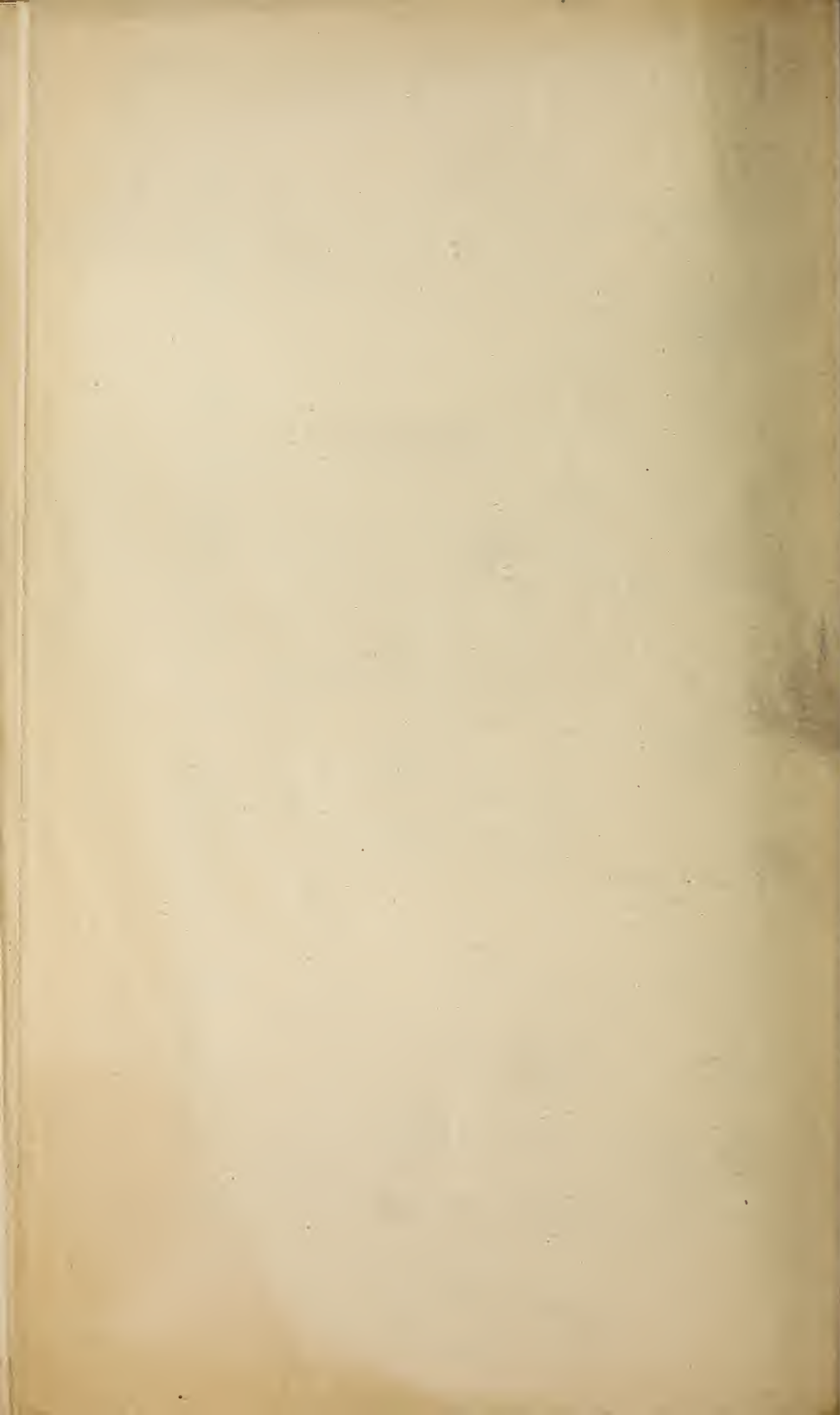
Repeal of
former or-
dinance.

SEC. 6. An Ordinance entitled "An Ordinance in relation to Markets and Marketing, and to Regulate the Sale of Fresh Meats and Fresh Fish"—approved December 11, 1880—is hereby repealed.

Approved January 10th, 1882.

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EIGHTEENTH

ANNUAL REPORT

—♦♦ OF THE ♦♦—

CITY OF BURLINGTON,

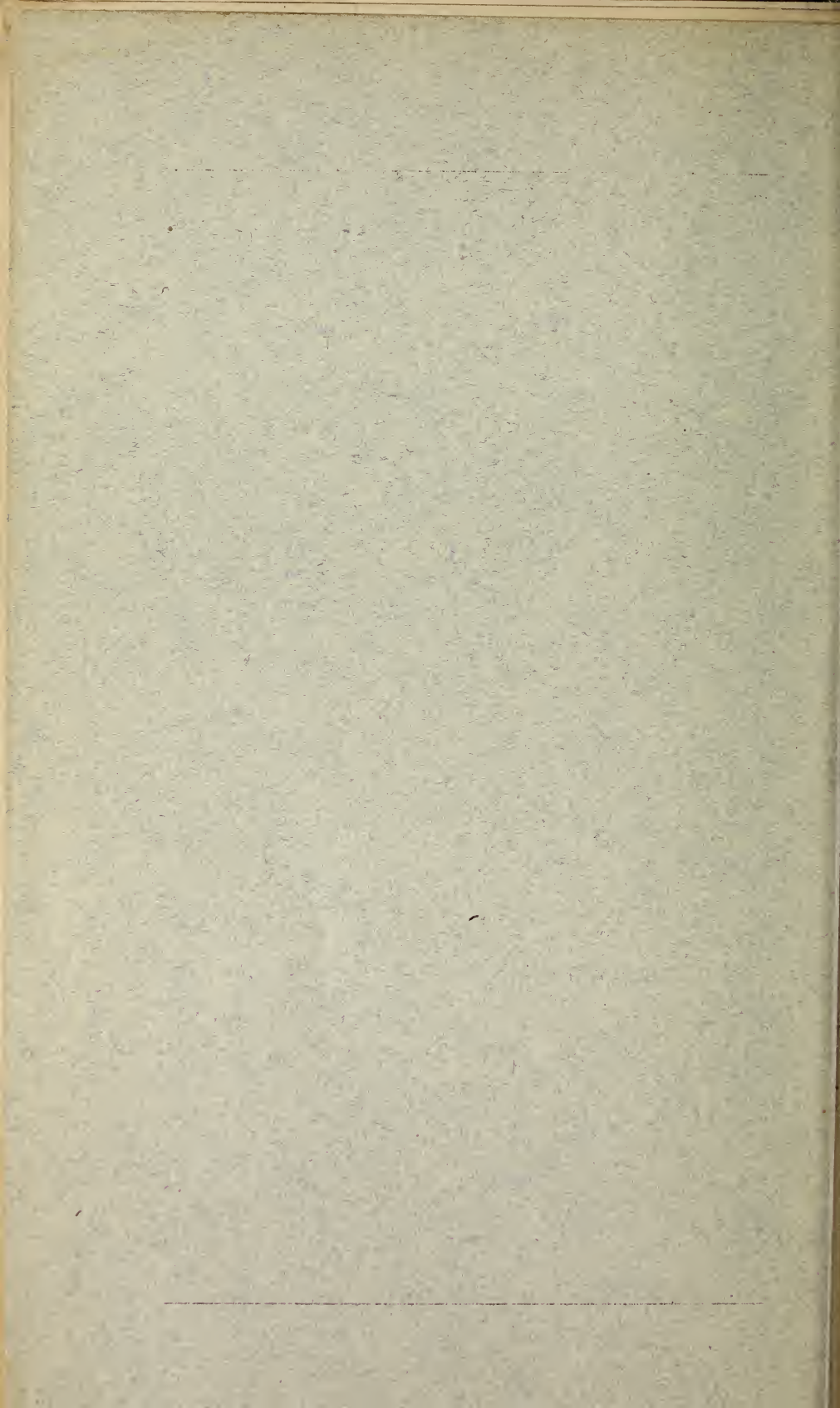
VERMONT,

—♦♦ FOR THE ♦♦—

YEAR ENDING DECEMBER 31, 1882.

BURLINGTON:
R. S. STYLES, STEAM BOOK AND JOB PRINTER.

1883.



EIGHTEENTH
ANNUAL REPORT
OF THE
CITY OF BURLINGTON,
VERMONT,
FOR THE
YEAR ENDING DECEMBER 31, 1882.

BURLINGTON:
R. S. STYLES, STEAM BOOK AND JOB PRINTER,
1883.

RESOLUTION.

Resolution relating to the publication of the Eighteenth Annual City Report, introduced by Alderman Drew, in the Board of Aldermen, at a meeting held on the 2d of January, 1883, and adopted in the words following :

CITY OF BURLINGTON. }

In the year one thousand eight hundred and eighty-three. }

Resolved, By the City Council of the City of Burlington, as follows:

The City Clerk is hereby directed to prepare for publication the Annual Reports of the City Officers, with such other matter as is usually published in the annual City Reports for the year ending December 31, 1882, and by and with the advice and direction of the Committee on Printing and Publication, to procure printed 1,200 copies thereof for distribution among the tax-payers of the City and for municipal exchanges.

Approved January 3, 1883.

JO D. HATCH, Mayor.

CITY GOVERNMENT.

MAYOR,

JO D. HATCH.

Office in Vermont Life Insurance Building; residence,
William Street, with D. C. Linsley.

ALDERMEN.

Wards.		Term Expires.
I.	ELIHU B. TAFT.....	1884
	H. EUGENE SIBLEY	1883
II.	URBAN A. WOODBURY	1884
	GEORGE C. BRIGGS	1883
III.	CHARLES J. ALGER.....	1884
	H. N. DRURY.....	1883
IV.	W. H. BRINK.....	1884
	ALBERT S. DREW.....	1883
V.	A. E. RICHARDSON	1884
	ARCHIBALD TAYLOR.....	1883

PRESIDENT OF THE BOARD OF ALDERMEN,

ELIHU B. TAFT.

Office in Court House.

Regular meeting of the Board, first Monday in each month,
at Nos. 1 and 2 City Hall Building.

**STANDING COMMITTEES
OF THE BOARD OF ALDERMEN.**

ON WATER DEPARTMENT:

BRINK, RICHARDSON.

ON FIRE DEPARTMENT:

DREW, BRINK, WOODBURY.

ON STREET DEPARTMENT:

TAYLOR, RICHARDSON, SIBLEY.

ON ACCOUNTS AND CLAIMS:

WOODBURY, DRURY, ALGER.

ON PAUPER DEPARTMENT:

SIBLEY BRIGGS, BRINK.

ON PUBLIC BUILDINGS AND PARKS:

DRURY, TAYLOR, BRIGGS.

ON PRINTING AND PUBLICATION:

RICHARDSON, TAYLOR, DREW.

ON SCHOOL AND LIBRARY AFFAIRS.

ALGER, TAYLOR, WOODBURY.

COMMITTEE ON HEALTH:

BRIGGS, DRURY, DREW.

ON LIQUOR AGENCY:

The MAYOR, TAFT, SIBLEY.

CITY CLERK;

And *ex-officio* Clerk of the Board of Aldermen, and of
the City Council, and of the Board for
Abatement of Taxes,

WM. H. ROOT.

Office, No. 2, City Hall Building.

CITY TREASURER,

GREENE D. WELLER.

Office, City Hall Building.

CITY ATTORNEY,

HENRY BALLARD,

Office, "Times Building."

CONSTABLE,

And Collector of State and County Taxes,

LOOMIS J. SMITH.

Office in City Hall Building—basement.

HEALTH OFFICER,

H. H. ATWATER, M. D.

Office on Pine Street, near Cherry Street.

CITY ENGINEER AND SURVEYOR,

A. R. DOW.

Residence, North Union Street.

CITY GRAND JUROR,

WM. H. HARE.

Office in Bank Block.

CITY JUDGE,

SENECA HASELTON.

Office, Court House.

CLERK CITY COURT,

L. F. ENGLSBY.

Office in City Hall Building.

FENCE VIEWERS.

WM. ZOTTMAN, FRANK FREEMAN.

SEALER OF WEIGHTS AND MEASURES,

THE CITY TREASURER.

City Hall Building.

JANITOR OF CITY HALL,

WM. H. ROOT.

STREET COMMISSIONERS.

ARCHIBALD TAYLOR.

A. E. RICHARDSON.

H. EUGENE SIBLEY.

SUPERINTENDENT OF STREETS.

A. R. DOW.

Office, City Hall Building.

SUPERINTENDENT OF WATER WORKS,

ALVARO ADSIT.

Office in City Hall Building.

POUND KEEPER,

MILO C. GRATON.

At City Hall.

OVERSEER OF THE POOR,

HENRY GREENE.

Office, near head of Church Street.

CITY LIQUOR AGENT,

SEYMOUR SHELDON.

Agency in City Hall Building.

AUDITORS,

C. A. SUMNER, G. W. BECKWITH, M. H. STONE.

TRUSTEE OF U. S. DEPOSIT FUND.

GREENE D. WELLER.

City Treasurer's Office.

CEMETERY COMMISSIONERS.

ELI POQUETTE. Term expires 1885.

JOHN A. ARTHUR. Term expires 1884.

HILAS ROBY. Term expires 1883.

ASSESSORS,

B. S. NICHOLS, HENRY GREENE, S. M. POPE,

H. S. PECK, CHAS. E. ALLEN.

Office, No. 5 City Hall Building.

The term of office of the Mayor and Aldermen commence the 1st Monday of April, and Assessors the first day of April.

CEMETERY COMMISSIONERS.—One elected each year for a term of three years, from April 25th. All others of the foregoing named officers, one year from April 25th, 1882.

CHIEF OF POLICE,

LUMAN-A. DREW.

Police Station—South side City Hall Building.

FIRE DEPARTMENT.

—♦♦—
CHIEF ENGINEER,

ALEX. CROSBY.

First Ass't, LOWELL C. GRANT.

Second “ JEROME B. SMITH.

Third “ DAVID WALKER.

Fourth “ ALVARO ADSIT.

FIRE WARDENS,

Ward 1 GEO. W. KILLAM.

“ 2 J. J. BIGELOW.

“ 3 J. W. MADIGAN.

“ 4 E. F. HENDERSON.

“ 5 FRANK K. CONVERSE.

SCHOOL DEPARTMENT.

Board of School Commissioners.

Wards.		Term Expires.
1	ELIHU B. TAFT,	1883
2	H. S. PECK,	1883
3	HEMAN R. WING,	1884
4	A. P. GRINNELL,	1883
5	JULIUS W. RUSSELL,	1883

Clerk of Board,

JULIUS W. RUSSELL.

Regular meetings, First Friday of each month, at 7.30 p. m.,
at the office of Superintendent of Schools.

Superintendent of Schools.

HENRY O. WHEELER,

Office in Fletcher Library Building, Church Street.

FLETCHER FREE LIBRARY.

TRUSTEES,

The MAYOR, *ex-officio*.

MATTHEW H. BUCKHAM,

LOAMMI G. WARE,

EDWARD J. PHELPS,

SAMUEL HUNTINGTON.

LIBRARIAN,

T. P. W. ROGERS,

Miss LIZZIE E. MOORE, Assistant.

WARD OFFICERS.

WARD ONE.

CLERK,

A. P. LOWELL.

INSPECTORS OF ELECTIONS,

ORVIS S. STORRS.

HENRY T. SINCLEAR,

JOHN C. PETTY.

WARD TWO.

CLERK,

W. F. FERGUSON.

INSPECTORS OF ELECTIONS,

W. H. TOWNSEND,

E. S. SPEAR,

E. O. SAFFORD.

WARD THREE.

CLERK,

WM. NEWTON.

INSPECTORS OF ELECTIONS,

PATRICK RITCHIE,

I. J. FLANAGAN,

JOHN SHERIDAN.

WARD FOUR.

CLERK,

L. F. ENGLESBY.

INSPECTORS OF ELECTIONS,

F. JOHONNOTT,

E. STANLEY HALL,

CHAS. B. GRAY.

WARD FIVE.

CLERK,

LOWELL C. GRANT.

INSPECTORS OF ELECTIONS.

GEO. W. BECKWITH.

GEO. C. MAYO,

C. W. BROWNELL, Jr.

PARTY ORGANIZATIONS.

CITY COMMITTEE.

Republican.

A. P. LOWELL,
J. E. PAINCHAUD,
F. S. FRANCIS,
GEO. E. JOHNSON,
W. H. LANE, Jr.

Democratic.

H. T. SINCLEAR,
WM. J. LANGSHORE,
J. W. MADIGAN,
ALEX. CROSBY,
WM. DENNING.

WARD COMMITTEE.

GEO. W. KILLAM,

DAVID WALKER,

HENRY RICE,

WARD 1.

H. McCARTY, JR.,

THOMAS CROWLEY,

JOHN L. MCGOWAN.

A. V. SPALDING,

JOHN ROBY,

J. A. WILLIAMS,

WARD 2.

GILSON STOCKWELL,

HENRY ARNOLD.

C. HILDRETH,

USEB CAISE,

JAMES MCCUEN,

WARD 3.

F. SHORTSLEEVES,

JOHN W. KELLEY,

CHARLES COTY,

N. K. BROWN,

W. H. HARE,

C. P. NICHOLS,

WARD 4.

VAN A. NYE,

GEO. W. KELLEY,

RICHARD CUSHING.

J. W. RUSSELL,

E. N. PECK,

CHAS. F. WHEELER,

WARD 5.

J. E. RUSSELL,

W. F. BOWMAN,

C. F. KNIGHT.

MAYOR'S MESSAGE.

[Delivered before the City Council April 3d, 1882.]

To the Honorable Board of Aldermen :

GENTLEMEN :—As we meet, at the commencement of a new official year, I shall present for your consideration, the usual condensed statement of the operations of the several departments, during the fiscal year, ending December 31st, 1881, and our financial condition, at that time, together with such suggestions as occur to me from their examination.

FINANCE.

The bonded debt of the City is as follows :

Water bonds.	6s,	\$244,900 00
Improvement bonds.....	6s,	35,000 00
Refunded bonds Burlington and Lamoille Railroad	5s,	160,000 00
Total,		—————\$439,900 00

The sinking fund holds,—

City bonds..	6s,	\$17,850 00
City bonds	5s,	45,000 00
Funds uninvested		233 48
Total,		————— \$63,083 48

Leaving the amount of bonded debt

outstanding.....\$376,816 52

A reduction of \$5,077.28 during the year.

The Treasurer's books show the floating debt, January 1st, 1882, to be \$8,181.99, and assets on hand, including uncollected taxes, \$16,826.84, leaving an excess of assets, over liabilities, of \$8,644.85, a gain of \$11,179.57, as compared with January 1st, 1881. This statement, I consider very satisfactory, as the marked difference of assets, January 1st, 1881, and January 1st, 1882, shows a determination, on the part of the City Government, to keep the expenditures within the amount raised by taxation, and, at the same time, provide for a reasonable, but sure reduction of the city debt.

STREETS, SEWERS, ETC.

The total amount drawn, from the Treasury, by this department is \$18,981.92; deduct \$304.36 received from the Town of Colchester for its proportion of cost of repairs on bridge, and it leaves \$18,677.56 as the actual sum, drawn out, which was expended as follows:

For sewers.....	\$1,643 79
Street lights.....	194 79
Gravel, on Battery Park, and Lake View Cemetery.....	93 60
Ordinary repairs of streets.....	3,634 54
Graveling streets.....	2,914 25
Macadamizing streets.....	3,473 08
Street crossings.....	396 93
Flagging.....	1,234 37
Curbing and paving.....	580 99
Sidewalks.....	321 97
Street basins.....	191 01
Repairs of bridges.....	2,236 16
Miscellaneous, including salary of Superintendent and City Engineer, office expenses, tools, and repairs of same, and incidentals.....	1,762 08

Of this amount the following items may very properly be classed under the head of permanent improvements, namely, sewers, macadamizing streets, street crossings, flagging, curbing, paving, street basins, and sidewalks, all costing \$7,842.14.

The system inaugurated a few years since, of expending only enough in ordinary repairs of streets, to keep them in good condition and appropriating the balance of the tax to permanent improvements, has been attended with very gratifying results, and, if persisted in, will, in a few years, put our principal streets, and sidewalks, in a condition where they will require but small annual repairs thereafter. I hope our future street commissioners will, in this particular, at least, imitate their predecessors. Nine hundred and sixty-two feet of sewers have been constructed in Main street and through the Ravine; about one-half mile of macadamizing in College, St. Paul and Main streets; about 14,300 square feet of flagging; 625 lineal feet of curbing; 5,000 feet of paved gutters; eight stone street crossings; and about one and one-half miles of streets have been graded and covered with Sall's gravel during the past season. I would again urge upon you the importance of completing the Ravine sewer. Three hundred and sixty-two feet of it has been built the past year, and the balance should be finished as soon as the condition of the finances will permit.

The appropriation for public buildings and parks was \$2,071.65. The amount expended was as follows:

Care of parks.	\$ 387 15
Repairs of public buildings.....	1,677 33
Paid overdrafts of last year.....	671 65
Total.	<u>\$2,736 13</u>

or \$664.48 in excess of appropriation, which is accounted for by extraordinary repairs on public buildings, as will be seen by an examination of the Treasurer's report.

FIRE DEPARTMENT.

By comparing the expenses of this department, with cities situated similarly to ours, together with the condition of the apparatus, and the small amount of property destroyed by fire, I can but conclude that it has been ably and economically administered, and the promptness with which its members have responded to all alarms, and the successful efforts made to confine the limits of the fires, have contributed, in a great degree, to secure for it an honorable and efficient record, one of which the city may well be proud. It is an important branch of the public service, and should, as it deserves, receive your cordial and generous support. The rooms now occupied by the Hook and Ladder Company, and the Boxer Engine Company, are not in a suitable condition for holding their company meetings, and I would recommend such improvements, as may be necessary, or the procuring of suitable rooms elsewhere. During the past year five fire alarm boxes and 1,000 feet of new hose have been purchased, at an expense of \$2,027.58 which, with the amount of \$209.42 now standing to its credit, on the Treasurer's books, and the usual charge for water, \$1,200, leaves the current expenses, including salary of the Chief Engineer, but \$1,678.53, a very small sum, when compared with its usefulness.

A detailed statement of the apparatus, its condition, the number of the force, direction as to the use of the fire alarm boxes, together with other valuable information and suggestions, will be found in the report of the Chief Engineer.

WATER WORKS.

The report of the Superintendent gives the following statement of the disbursements, and receipts, of this department:

For paid interest on bonds.. . . .	\$14,694 00
For current and pumping expenses..	8,827 25
Total,	—————\$23,521 25
The receipts for water rates have been.....	\$21,514 97
Uncollected water rates	892 24
Increased value of coal on hand Jan. 1, 1882.....	1,200 00
Total,	—————\$23,607 21

showing a surplus for the year of \$85.96; this surplus is less than that of last year, owing to the substitution of coal for pumping, in consequence of the scarcity of shavings, which have, heretofore, been considerably used for that purpose. Fourteen new hydrants have been set, making the present number of public hydrants 123; there are also twenty hydrants, owned by private parties. There has been quite a decrease in the quantity of water pumped, over that of the previous year; the quantity pumped in 1880 having been 241,801,803 gallons, and in 1881, 216,869,535 gallons, a decrease of 24,932,308 gallons. There has, also, been a marked increase in the use of meters, and their use should be encouraged, as it effectually stops leaky fixtures, and puts an end to all disputes in regard to assessments of rates and unequal charges.

The amount expended on the, so-called, higher service, less pipe on hand and sold, is \$6,696.70, which, added to the sum expended in 1880, \$10,151.27, fixes the cost of this

extension at \$16,847.97. The motor has been in operation since the 23d of June last, and does the work in the most satisfactory manner. Seven hydrants, connected with this extension, affords protection to property in the higher portions of the city. The University of Vermont, the Mary Fletcher Hospital, and many private residences are supplied with water from this source. Your attention is particularly called to the report of the Superintendent, in regard to the extension of the pumping main and the condition of the pumping station.

CRIMINAL AND POLICE.

This department has drawn from the Treasury as follows:

Amount of appropriation.....	\$3,700 00
For overdraft of 1880	386 83
Total,	\$4,086 83

which has been expended as follows :

Paid costs in City and Justice Courts..	\$ 558 37
Pay of police, 11 months.....	3,306 15
Board of prisoners in jail.....	137 20
Maintainance of children at Reform	
School.....	181 81
Overdraft of 1880.....	386 83
Incidentals.	141 80
Total,	\$4,712 16

or \$625.53 in excess of the appropriation. The amount received from costs and fines in city and justice courts is \$621.12, and the amount paid costs, in said courts, is \$558.37, showing an excess of receipts, over expenditures, of \$62.75. Fifty-nine cases were tried before the City Court, and nine before Justices of the Peace,—a most gratifying result, which has been accomplished without any

neglect in administering justice, and reflects great credit upon the City Court and its officers.

The report of the Chief of Police states the whole number of arrests, the past year, to be 570, of which 410 were for violation of the law relative to the use and sale of intoxicating liquors; \$3,523.75 have been paid to the County Clerk, and City Treasurer, for fines and costs, as the result of the above arrests; 309 persons have had lodging furnished at the Police Station, 62 have been taken to the House of Correction, 3 to the Reform School and 1 to the State Prison. Sixty search warrants have been served. The whole force numbers sixty, of which six only are on the regular force and under pay a portion of the time, ten are specials, and the balance, forty-four in number, are employed, mostly, as watchmen at the several lumber yards and manufactories in different parts of the city, and who are seldom called upon to perform police duty. The city during the past year has been, in a great degree, free from special disturbances of a serious character, which have called for the interference of this department. The officers have, so far as has come under my observation, displayed all necessary activity, in making arrests, and bringing the guilty to justice. As stated in my address of last year, "Complaints are sometimes made of the inefficiency of the police, but it would be well, while making such complaints, to consider that only two officers are on duty through the night, and they cannot reasonably be expected to be present, in all parts of the city, at the same time, and are, consequently, unable to prevent occasional thefts, and other breaches of the peace. It should, also, be remembered that the most extravagant increase of the police force would not prevent crime, or, always, succeed in arresting criminals." Let all perform their duty in encouraging the police, and

assisting them in the performance of their duties, and we shall hear fewer complaints, and have a more efficient service.

POOR DEPARTMENT.

This department has drawn from the Treasury, the past year, \$4,266.75, and received from other sources, \$120.20, a total of \$4,386.95, which has been disbursed, as follows:

Paid to transient poor, and aid to parties outside	
of poor house.....	\$1,776 50
Expenses at poor farm, including fuel, insurance,	
repairs, etc.....	1,166 50
Care of insane at asylum; and expense of their re-	
moval.....	393 95
Salaries of Overseer, City Physician, and Farm	
Superintendent.....	1,050 00

The buildings at the poor farm are in good repair, and by the judicious management of Mr. Miller, the superintendent, the products of the farm have been largely increased.

The system of giving out-of-door relief is subject to many abuses, and great care should be exercised that it is extended, only when necessary, to relieve actual want, and in no instance, where it encourages voluntary pauperism. Our present Overseer has given great attention to this matter, and in most cases, has given aid only to persons who could earn a partial living, and thus maintain their self-respect, by not becoming an entire charge upon the city. He has, also, received valuable assistance from the Ladies' Aid Society, and, in his report, very justly gives that society great credit for the reduction of expenses in his department.

SCHOOLS.

Our schools are in good condition, and are doing their usual good work. The School Board are continually striving to make improvements in their management, so as to make them still more useful. Great attention seems to have been given to those branches of study which are adapted to make the pupils useful members of society, keeping in mind that the object of the State, in providing for the education of the children, within its border, is to make good citizens—citizens who shall be virtuous as well as intelligent. Moral training, therefore, has been made prominent, and character, as an end, sought by the teachers, and aimed at by the pupils, has a higher place than mere scholarship. Their present high standing is, also, largely due to the corps of experienced and trained teachers, whose appointments have, virtually, had that permanence which is so important an element in securing good schools. The tendency to more general and increased attendance will, in the near future, necessitate the providing of additional school buildings, as the comfort and health of the scholars must be provided for. Our future prosperity, as well as the stability of our government, depends largely upon their teachings, and we cannot afford to be too economical in appropriations for their support. The attendance has been large, and entire harmony has prevailed in all its branches. The able and interesting report of the Superintendent gives full details of their general condition, branches taught, attendance, and many other valuable facts and suggestions, and I bespeak for it the attentive perusal of all interested in their success. The receipts for the year from all sources have been \$21,903.67, and its disbursements \$21,906.59, leaving a liability of \$2.92 December 31st, 1881.

FLETCHER FREE LIBRARY.

The current expenses of the library the past year have been \$2,740.22, being \$340.22 in excess of the appropriation. The details of the expenditures can be found in the report of the City Treasurer.

The library contains nearly 15,000 volumes, of which something over 800 have been added the past year. Additional accommodations are much needed, for persons who desire a more retired place for the examination of such works as are, by the rules, not permitted to be taken from the library rooms. A portion of the repairs to the library building, suggested last year, have been made; some are still needed—all of which, together with the advantages derived from its use, as well as its wants, in order to make it still more useful, are fully set forth in the reports of the Trustees and Librarian, to an examination of which I would most earnestly ask your careful attention.

SANITARY.

Agreeably to a suggestion in my last annual message, this branch of the city government has been made an independent financial department, and five hundred dollars appropriated for its use during the year. The amount expended was \$501.40; but if we deduct \$28.50, an unforeseen expenditure for free public vaccination, during the month of December, it will leave \$472.90 as the actual expenses, which includes the salary of the Health Officer and the expenses of the registration system, which, in most cities, is a separate department and managed by another official. Since the first of January last, by my advice and approval, the whole of the city has been vaccinated, at the public expense, which will add, materially, to its expenses the present year,

but which has been provided for, in my estimates, and approved by your body. This was deemed prudent, as a precautionary measure, because it is universally acknowledged to be the only safe and sure preventive of that dreaded disease, small-pox, which has become so prevalent that the National Board of Health has declared it epidemic, throughout the United States, and experience has taught that the only way to secure a prompt and general enforcement of vaccination is to make it free to all. The loss of life and misery entailed by an epidemic of small-pox, cannot be compensated for in money, and the damage to business interests cannot well be estimated. There ought not then, in my opinion, to be any hesitation in adopting a measure, at any reasonable cost, that promises so well as this to prevent such a catastrophe. Philanthropy and true economy alike prompt it, and there is greater danger of a neglect of duty in this particular than in exceeding it.

CONCLUSION.

We have had during the past year an unfortunate and, to my mind, an uncalled for agitation of the temperance question, resulting in the dismissal of the city agent and closing of the agency. The interests, between the power that appoints the agent, and the financial, which supplies him, should be mutual, but they have differed, and the consequences have been such as to be deplored by all good citizens. Mr. James Mitchell, who has held the office of agent for many years, giving almost universal satisfaction, was removed a few months since, without good cause, in the opinion of a great majority of our people. May we not hope that these differences of opinion may soon be harmonized, and the agency be reopened to answer the purpose for which it

was designed. Probably there is nothing connected with the duties of the officers of the city so perplexing as those arising from the enforcement of the liquor law in all its details. The special duties of the officers of the city pertain to the city ordinances, and the business affairs of the city; while the enforcement of this law, and the punishment of criminal offences, under the statutes, depend more largely upon the state officers, and the grand jurors, elected for those purposes. The, substantially, unanimous consent of the people is essential to the proper enforcement of all law. We have laws enough, but have we sufficient public opinion in their favor? The question is, Shall they be administered in a malicious, vindictive spirit, with spasmodic effort, or in a spirit of kindness and, at the same time, with firmness? It seems to me that those who have labored to correct public opinion, have been, and still are, the true reformers, and that to the Reform Clubs, and other kindred temperance associations, this city is more largely indebted, for the progress made in the temperance cause, than to any other considerations. The credit of what little progress we have made in this direction, is due to the influence of the cool, conservative temperance people of the city, rather than to those who arrogate to themselves the title of leaders, and attempt to control everything connected with it.

It is with pleasure that I improve this opportunity to refer to Mr. John P. Howard, and the munificent gifts he has made, and is still making, to this, the place of his birth. In addition to the Opera House, given to the "Home for Destitute Children," I have to notice the gift to the city of the beautiful Fountain erected in the City Park, and the gravelled driveways and walks he has constructed in our cemeteries and public parks. The chapel of St. Paul's Episcopal church is also the work of his hands, and the

University, in which we are all interested, has to rejoice in his generous donation of \$50,000 for the endowment of a professorship of Natural History, the valuable historic gift of the Statue of LaFayette, and the complete remodeling and reconstruction of the college buildings.

The, substantially, unanimous reëlection of so many of your members is sufficient evidence that the conservative portion of our citizens approve your action in the past, and are willing to trust you in the future, and, also, that they are not to be deceived by vague and indefinite charges, whether emanating from high places, or circulated through malice or ignorance on our streets. I can only assure you, that in the future, as in the past, I shall always be ready to coöperate with you in administering municipal affairs in such a manner as to meet the approval of the great conservative portion of our constituents.

JO D. HATCH,

Mayor.

REPORT

OF THE

Superintendent of Streets.

COMMITTEE ON STREETS AND HIGHWAYS.

Alderman TAYLOR, Chairman.

Alderman RICHARDSON.

Alderman SIBLEY.

ALBERT R. DOW, Superintendent,
From January 1, 1882, to January 1, 1883.

To the City Council of the City of Burlington:

GENTLEMEN—

In accordance with the provisions of the City Charter,
I respectfully submit my report for the past year:

SEWER DEPARTMENT.

RECEIPTS.

Cash from sale of sewer pipe and cement, \$	7 34
“ “ City Treasurer on account of	
Sewer Fund,	6,443 34
	\$6,450 68

DISBURSEMENTS.

Cleaning sewers,	\$ 28 02	
Ravine sewer,	4,072 79	
General expense of sewers,	256 13	
College street sewer,	30 69	
Spruce street sewer,	2,063 05	
	—————	\$6,450 68

STREET LIGHT DEPARTMENT.

RECEIPTS.

Cash from City Treasurer on account of Street Light Fund,	\$445 51
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DISBURSEMENTS.

23 Lamp posts,	\$276 00	
21 Street lanterns,	123 25	
General repairs,	46 26	
	—————	\$445 51

PUBLIC BUILDINGS AND PARKS.

RECEIPTS.

Cash from H. N. Drury, Chairman, 1882,	\$ 216 43	
Cash from V. G. Barbour, for labor on College Park,	9 82	
	—————	\$226 25

DISBURSEMENTS.

City Hall,	\$ 2 21	
College Park,	9 82	
Battery Park,	15 91	
City Hall Park,	198 31	
	—————	\$226 25

STREET DEPARTMENT.

RECEIPTS.

Cash from various individuals for labor,	\$ 748 10
Cash from sale of Lake gravel,	40
“ “ “ “ Salls’ “	50 25
“ “ “ “ stones,	80
“ “ “ “ sand,	1 20
“ “ “ “ tools and stock,	62 97
“ “ “ “ street cleanings,	21 87
“ “ general repairs,	84 16
“ “ Park avenue by sale of stones,	30 40
“ “ Town of Colchester, collection of bridge expense,	15 58
“ “ rent of city teams and sale of manure,	20 35
Earnings of city teams by labor,	1,491 14
Cash from City Treasurer, special appropriation for opening streets,	2,100 00
Cash from City Treasurer, avails of taxes,	15,916 22
	—————\$20,543 44

DISBURSEMENTS—STREETS.

Archibald street,	\$ 3 00
Bank street,	7 90
Barrett street,	28 15
Beach street,	1 00
Champlain street,	59 07
Chase street,	32 75

DISBURSEMENTS—STREETS—CONTINUED.

Church street,	\$ 8 20
Colchester avenue,	475 02
College street,	43 60
East avenue,	1 35
Elmwood avenue,	88 28
Elm street,	1 60
First street,	4 00
Hyde street,	105 52
Intervale road,	5 75
King street,	10 76
Lake street,	33 27
Ledge road,	23 50
Loomis street,	7 30
Main street,	122 81
Maple street,	50 72
Murray street,	11 60
North avenue,	118 23
North bend,	238 65
North street,	70 48
Patchen road,	22 25
Park avenue, formerly Proctor street, including \$562.70 for land dam- ages,	2,589 15
Pearl street,	57 02
Peru street,	36 15
Pine,	64 01
Pomeroy street,	5 80
Prospect street,	367 05
School street,	38 79
Shelburn Street,	304 65
Spear street,	2 55
Spring street,	2 40
Spruce street,	1 75

DISBURSEMENTS—STREETS—CONTINUED.

St. Paul street,	10 50	
Summit street,	2 45	
University Place,	10 40	
Willard street,	79 29	
Winooski avenue,	12 86	
Winooski road,	187 37	
Cleaning streets,	611 76	
Unclassified repairs,	1,685 57	
		<hr/> \$7,644 28

DISBURSEMENTS—GRAVELLING.

Salls' gravel,	\$ 50 25	
Gravelling Battery Place,	135 44	
“ George street,	343 21	
“ Main street,	117 51	
		<hr/> \$646 41

DISBURSEMENTS—MACADAMIZING.

Stones broken,	\$ 33 69	
Macadamizing Battery street,	630 45	
“ Main “	310 55	
“ Pearl “	2,673 01	
“ Pine “	2,280 95	
“ Union “	414 03	
		<hr/> \$6,342 68

DISBURSEMENTS—CROSSINGS.

Crossings, College street,	\$ 83 15	
“ Pearl “	131 09	
		<hr/> \$214 24

DISBURSEMENTS—FLAGGING.

Flagging Bank street,	\$ 8 35	
“ Main “	30 85	
		\$39 20

DISBURSEMENTS—CURBING.

Curbing Bank street,	\$ 3 60	
“ Pearl “	4 33	
“ Winooski avenue,	4 55	
		\$12 48

DISBURSEMENTS—PAVING.

General repairs of paving,	\$ 34 55	
Gutter, Bank street,	8 85	
“ Elmwood avenue,	30 03	
“ Pearl street,	10 40	
“ St. Paul street,	16 05	
“ Winooski avenue,	22 33	
		\$122 21

DISBURSEMENTS—BRIDGES.

Heineberg bridge,	\$ 11 88	
Winooski bridge,	65 53	
Bridge on Park avenue,	50	
		\$77 91

DISBURSEMENTS—SIDEWALKS.

General repairs of sidewalks,	\$ 28 70	
Sidewalk, Cherry street,	2 80	
“ Colchester avenue,	166 32	
“ College street,	77 17	
“ George “	1 10	

DISBURSEMENTS—SIDEWALKS—CONTINUED.

Sidewalk, Main	Street,	\$240 22	
“	Monroe	“	10 35
“	North	“	16 43
“	Pearl	“	71 64
“	Pine	“	8 15
“	Prospect	“	28 09
“	Union	“	63 10
“	Willard	“	15 75
“	Winooski avenue,		18 65
			<hr/>
			\$748 47

DISBURSEMENTS—BASINS.

General repairs of basins,	\$	61 69	
Cleaning basins,		78 68	
Basin, Maple and Willard streets,		156 08	
Basin, Pearl street and Elmwood ave.,		149 71	
Basin, Pearl and Willard streets,		157 57	
			<hr/>
			\$603 73

DISBURSEMENTS—MISCELLANEOUS.

Labor for various individuals,	\$	763 57	
General expenses,		1 00	
Snow work,		93 34	
Sand,		33 13	
Salary of Street Superintendent and			
City Engineer,		1,150 00	
Tools and stock,		378 85	
Repairing tools,		46 20	
Office expenses, coal,		59 50	
“	“	water,	16 00
“	“	stationery, books, etc.,	24 95

DISBURSEMENTS—MISCELLANEOUS—CONTINUED.

Office expenses, furniture,	\$ 15 18
“ “ incidentals,	90 30
City teams,	1,419 81
	<hr/> \$4,091 83
Total, Street Department,	<hr/> \$20,543 44

RECAPITULATION.

	RECEIPTS.	DISBURSEMENTS.
Sewer Department.	\$ 6,450 68	\$ 6,450 68
Street Light Department....	445 51	445 51
Public Buildings and Parks Department.....	226 25	226 25
Street Department.....	20,543 44	20,543 44
Totals	<hr/> \$27,665 88	<hr/> \$27,665 88

TOTAL RECEIPTS.

Cash from City Treasurer,	\$24,905 07
“ “ rent of city teams and sale of manure,	20 35
“ “ all other sources,	1,249 32
Earnings of city teams by labor,	1,491 14
	<hr/> \$27,665 88

We, the undersigned, have examined the accounts and vouchers of Albert R. Dow, Superintendent of Streets from January 1, 1882, to January 1, 1883, and find them correct,

C. A. SUMNER,	} Auditors.
M. H. STONE,	
GEO. W. BECKWITH,	

ACTUAL COST OF DEPARTMENT AND BRANCHES FOR THE
YEAR.

Cash from City Treasurer,	\$24,905 07
Less amount of sewer assessments,	\$1,485 63
" " " material unused,	695 00
	<hr style="width: 100px; margin-left: auto;"/> \$2,180 63
Amount actually expended by the city,	<hr style="width: 100px; margin-left: auto;"/> \$22,725 44

The Street Department now has to its credit, as reported by the City Treasurer, the sum of \$377.84. There are no outstanding bills.

MATERIALS ON HAND.

1 man-hole top,	\$20 00
6 lamp-hole tops,	25 00
1 set of basin plates,	12 00
10 iron grates,	60 00
2 basin frames,	35 00
Lumber,	11 00
Coal,	46 00
Macadamizing materials,	30 00
Sand,	26 00
City team materials,	90 00
1 screen,	10 00
Survey stakes,	5 00
Office furniture,	30 00
Akron tile,	5 00
Tools and stock,	290 00
	<hr style="width: 100px; margin-left: auto;"/> \$695 00

DISTRIBUTION BY WARDS.

Pursuant to a resolution recently adopted by the Board of Aldermen, I have attempted to report the amount expended by the Street Department by Wards. It is impossible to make a very accurate report in this respect, and one or more such reports will furnish an unsafe basis for comparison, though such a table carried on for a series of years will be of value in dispelling false impressions, sometimes gained, that certain Wards do not get their proportion. A table should be added, giving the Grand List of each Ward, and the amount contributed by each toward the street fund.

As an example, the Fourth Ward has probably the largest Grand List, without a corresponding proportion of length of streets, and hence, in a series of years, can properly have more expended upon its streets than the other wards, the fact being kept in mind that *necessary* repairs must be made, no matter in what ward. Its streets also, are far more used, and the credit of the City as to roads and walks, is furthered most by careful attention to its business center. Main thoroughfares into the City from adjoining towns should also be attended to, and, in general, the lengths of streets in, the character and amount of travel in, and the character of the soil in, different wards, should affect the distribution.

In this distribution, I have omitted a number of items which have no bearing: for example, Salary of Superintendent, etc., office expenditures, general repairs, snow work, tools and stock, repairing tools, etc., and the special appropriation made by the Board for Park Avenue, and the expenditure for sewers. These two last items would in no way seem chargeable to the ward in which they are located,

as they were expended by direct order of the Board of Aldermen, and from special appropriations; that of Park Avenue being for what is practically a new street, and that of sewers being in most part for what was generally asked for by the whole public, and the other part being practically paid for by the adjoining property.

Considerable expenditure was made necessary in the Fifth Ward by reason of the location of the Fair Grounds in that ward, in addition to the special appropriation for the new street. The distribution as made is as follows:

Ward 1,	\$1,296 10
“ 2,	1,557 79
“ 3,	2,473 53
“ 4,	3,721 18
“ 5,	3,249 77

\$12,298 37

SEWER DEPARTMENT.

During the past year two new sewers have been built. Each is in accordance with the adopted sewer system, and constructed in the most thorough manner. The portion of the Ravine sewer lies between Main and Church streets. It is constructed of brick, the walls eight inches in thickness, the lower part being laid in Portland cement, and the upper portion in Rosendale cement. The construction of this sewer has long been asked for, on account of its former condition being a public nuisance, and appears to be generally satisfactory to the public. It had to be built wholly above ground, and the expense was thereby more than it otherwise would have been. The expense of the sewer also includes the building and covering of 329 feet of auxiliary sewers, six inches and eight inches in diameter, for the purpose of

draining the land. All necessary man-holes were also built.

Spruce street sewer extends from Union street eastwardly to Willard street, and is constructed of Akron vitrified tile. The soil encountered in its whole length was extremely compact, thereby largely increasing the expense of the work. The expenditure on College street sewer was for repairing a break east of Union street. General expenses of sewers include all regular repairs, as well as sewer materials on hand.

The following table will give all further information relative to sewers of 1882.

SEWERS OF 1882.

Location.	Size.	Shape.	Length.	Cost to City.	Cost to Property.	Total Cost.
Ravine	48 in.	Egg.	596 ft.	\$4,072 79	.....	\$4,072 79
Spruce st..	12 in.	Circular.	935 ft.	577 42	\$1,485 63	2,063 05
Totals . . . .	.....	.....	1,531 ft.	\$4,650 21	\$1,485 63	\$6,135 84

STREET LIGHTS.

The expense incurred by me for this department during the year has been for the materials and labor shown in the previous part of this report.

Twenty-six lights have been added to the number of the previous year. As before, the maintenance of one of the lights is paid for by a private individual.

Ward 1 has 18 Naptha Lamps, 7 Gas Lamps, = 25

“ 2 “ 16 “ “ 9 “ “ = 25

“ 3 “ 28 “ “ 3 “ “ = 31

“ 4 “ 5 “ “ 40 “ “ = 45

“ 5 “ 15 “ “ 25 “ “ = 40

Totals 82 84 166

PUBLIC BUILDINGS AND PARKS.

The work done by me for this department has been by direction of Mr. Drury, Chairman of the Committee, and Professor Barbour, Superintendent of the College grounds. The expense in City Hall Park was for substantially graveling all of the walks.

STREET DEPARTMENT.

As in the report of the previous year, this Department includes all the other outlays of the year, both for permanent work, and ordinary and necessary repairs of roads, walks, bridges, etc.

The macadamizing and gravelling have been done with proper reference to the established grade.

In some cases of the gravelling, it was not deemed necessary to bring the road to the exact grade for the present, and in consequence, the thickness of gravel used was not so great as in the other cases. In general, the thickness was from eight to ten inches. The localities are as follows:

Battery Place, from Battery street to North avenue.

George street, from Pearl to Peru street.

Main street, from Willard street eastwardly, 370 feet.

The macadamizing has been done by spreading compactly broken stones in depths varying from six inches in Battery street and Main street, to twelve or seventeen inches in the other localities. In each case, they were then finished by a covering of 6 or 8 inches of the Salls gravel. The localities are as follows :

Battery street, from Pearl street to Battery Place.

Main street, from Winooski avenue to Union street.

Pearl street, from Union street to Battery street.

Pine street, from College street to Howard street.

Union street, from Main street to College street.

Three new crossings have been laid. Two have been relaid, and five have been relaid and made into double ones, instead of single ones. The latter seven, and one of the new ones, were constructed to properly complete the macadamizing.

The paving done was in greater part in connection with curbing set in some previous years. The balance was for the curbing of 1882.

Three new street basins have been built during the year, whose locations are given in the financial part of the report. The expense in each case includes the curbing set around the corner.

The other new curbing set during the year, consists of 37 feet on Winooski avenue, and 85 feet on Bank street. The cost to the city, as shown previously, was for the setting.

The expense for flagging is for laying what was paid for by the fronting property. That upon Bank street was upon the south side, eastwardly from St. Paul street. That upon Main street was in front of the Van Necs House property.

The outlay on bridges was for the common repairs, one-fifth of the expense being borne by the Town of Colchester. As in my previous report, I would respectfully suggest as early a consideration as possible of the subject of an iron bridge at Winooski.

The expense for the sidewalk on Main street, was for many common repairs, for gravelling different portions, and the filling at the Ravine south of the City Market building. Colchester avenue sidewalk was thoroughly gravelled from Winooski bridge nearly to Green Mount cemetery. The north sidewalk of College street was gravelled from Winooski avenue to Willard street. The expense on Pearl street

sidewalk, was for many common repairs, except a slight part for gravelling. The flood in the Spring made necessary a great many repairs here, as elsewhere. On Union street sidewalk, the planking south and north of Spruce street was removed and a gravel walk made in its place.

The flood which occurred in the month of March caused a large part of the outlay for the commoner repairs of roads, damage being done in most parts of the city. Colchester avenue has been turnpiked from near East avenue to the Green Mount cemetery. The expense on Hyde street and North Bend was almost entirely for repairing damages caused by the flood mentioned. Park avenue (formerly Proctor street) was made double the previous width, and is now a substantial road. All are doubtless familiar with the difficulties encountered: woods and ledges to be removed, culverts to be provided, and the large amount of grading to be done. The expense of the work includes all of the land damage.

A large part of the expense on Shelburne street, was incurred in connection with that upon Park Avenue, to make a respectable highway to the park. As in other cases, Prospect street was considerably damaged by the Spring flood. The additional expense was for a thin, narrow bed of gravel, placed on the sandy portion between Loomis street and Pomeroy street.

Cleaning streets includes also that of crossings, and Unclassified repairs mean those which could not well be distributed.

The City team account includes all proper charges against it. Expenses, \$1,419.81; earnings, at the rate of \$1.00 per day for the first half of the year, and \$1.20 during the last half, were \$1,491.14. To this should be added cash received from sale of manure, cart rent, etc., \$20.35,—making the

total earnings \$1,511.49. Many of the smaller repairs upon streets have consisted in turnpiking them, where, for the present, no better improvement was needed.

It will be noticed, as in the previous report, that a large share of the work done, has been of a more or less permanent character.

In making this report, I have endeavored to give all such information as would seem to interest the general public, and still be as brief as I could. If any further information should be wished for, it will be cheerfully given at any time.

In conclusion, I would reiterate my former expressions of gratitude to the Council for their general interest, and, although it must be somewhat known, would remind your honorable body that to the Street Committee belongs most of whatever credit may be due the Department.

Respectfully submitted,

ALBERT R. DOW,
Superintendent of Streets.

REPORT

OF THE

CITY ENGINEER.

All general information connected with this office has been already given in the report of the Street Department, but the following statistics and tables will be of interest at present, and are kept up each year for future reference.

All surveys for streets and sewers are made as needed, and maps are made of all new work.

Population of the city by census of 1880,	11,364
Grand List of the city for 1882,	\$76,665 99
Length of roads in the city limits,	50 miles.

	1882.	TOTAL.
“ “ macadamized and paved roads,	7,770 ft.,	4.941 miles
“ “ gravelled roads,	3,450 “	5.863 “
Length of sidewalk curbed and flagged,	233 “	2.704 “
“ “ “ “ only,	171 “	1.892 “
Number of stone crossings,	3	64
“ “ street basins,	3	34
“ “ “ lights,	26	166
“ “ letter boxes,	2	28
“ “ fire alarm boxes,	0	19
“ “ “ hydrants,	5	148

LENGTH OF SEWERS, 1882.

12 inch Akron tile,	935 ft.	} 1,531 ft.
48 “ brick,	596 “	

TOTAL LENGTH OF SEWERS.

SIZE.	CEMENT PIPE.	BRICK.	VITRIFIED PIPE.	STONE.	TOTALS.
8 in.	365 ft.	.....	325 ft.	.....	690 ft.
12 "	9,680 "	.....	9,534 "	.....	19,214 "
15 "	.....	.....	963 "	.....	963 "
18 "	3,840 "	1,505 ft.	1,771 "	.....	7,116 "
24 "	525 "	1,342 "	165 "	.....	2,032 "
30 "	.....	1,175 "	.....	.....	1,175 "
36 "	.....	820 "	.....	.....	820 "
48 "	.....	596 "	.....	.....	596 "
36-48 "	.....	.....	.....	1,600 ft.	1,600 "
60 "	.....	125 "	.....	.....	125 "
72 "	.....	600 "	.....	.....	600 "
Totals..	14,410 ft.	6,163 ft.	12,758 ft.	1,600 ft.	34,931 ft.=6.615m.

ALBERT R. DOW,

City Engineer.

Department of Public Schools.

BOARD OF SCHOOL COMMISSIONERS.

PRESIDENT,

H. O. WHEELER, Superintendent.

CLERK,

J. W. RUSSELL.

WARD ONE.

E. B. TAFT.

Term expires, April 1, 1883.

WARD TWO.

LOREN B. LORD.

Term expires, April 1, 1883.

WARD THREE.

H. R. WING.

Term expires, April 1, 1884.

WARD FOUR.

A. P. GRINNELL.

Term expires, April 1, 1883.

WARD FIVE.

J. W. RUSSELL.

Term expires, April 1, 1883.

STANDING COMMITTEES.

ON SCHOOL HOUSES AND SCHOOL PROPERTY:

WHEELER, WING, LORD.

ON INSTRUCTION, TEXT BOOKS AND TEACHERS:

WHEELER, TAFT, RUSSELL.

ON FINANCE AND ACCOUNTS:

WHEELER, WING, RUSSELL, LORD.

ON RULES AND REGULATIONS:

WHEELER, RUSSELL.

REGULAR MEETINGS OF THE BOARD.

First Friday in each month, 7.30 P. M., at the
Superintendent's office in Fletcher Library Building.

SUPERINTENDENT'S OFFICE HOURS.

From 4.15 to 5.15 P. M., days on which schools are in
session,

ROLL OF TEACHERS.

WINTER TERM, 1883.

HIGH SCHOOL.

Principal—Sealand W. Landon.

1st Assistant—Lizzie M. Benedict.

2d “ Clara H. Pease.

GRAMMAR SCHOOL.

Principal—Eliza J. Leyden.

1st Assistant—Mary E. Wells.

2d “ Mary E. Collins.

3d “ Annie T. Smith.

GRAMMAR ANNEX.

Teacher—Ellen H. Vilas.

PINE STREET INTERMEDIATE.

Principal—Margaret S. Bole.

1st Assistant—Kate E. Lowry.

2d “ Marie M. Graves.

POMEROY INTERMEDIATE.

Principal—M. Jeannette Stevens.

1st Assistant—Florence D. Stearns.

2d “ Clara M. Lawrence.

ADAMS INTERMEDIATE.

Principal—Cora E. Northrop.

Assistant—Isadore A. Kelton.

NORTH AND MURRAY STREETS INTERMEDIATE.

Teacher—Anna G. Sanford.

PINE STREET PRIMARY.

Principal—Eva E. Sallies.

1st Assistant—Mary R. Cole.

2d “ Nellie M. Pease.

POMEROY PRIMARY.

Principal—Lizzie A. Reese.

1st Assistant—Lottie M. Burnett.

2d “ Mary Brinsmaid.

ADAMS PRIMARY.

Principal—Mary J. Brown.

1st Assistant—Alice H. Burt.

2d “ F. E. Messenger.

NORTH AND MURRAY STREETS PRIMARY.

Principal—Ella I. Case.

1st Assistant—L. Jeannie Macrae.

2d “ Josephine E. Lanou.

FALLS SCHOOL.

Principal—Jennie M. Mathews.

Assistant—Lovina Petty.

NORTH AVENUE.

Teacher—Cora G. B. Field.

CHERRY STREET UNGRADED.

Day and Evening Schools.

Teacher—David J. Foster.

FALLS EVENING SCHOOL.

Teacher—T. L. Jeffords.

TEACHER OF VOCAL MUSIC,

N. H. Thompson.

SUPERVISOR OF DRAWING,

Eliza J. Leyden.

PUPIL TEACHERS SINCE LAST REPORT.

Laura Petty,

Carrie M. Bullis,

S. Rose Hendee,

Nellie Simonds,

HIGH SCHOOL GRADUATES.

CLASS OF 1882.

Ella Babbit,	Alice J. Baldwin,
Ernest A. Brodie,	Alice Crossman,
Anna S. Dow,	Nellie G. Gates,
Minnie L. Gates,	S. Rose Hendee,
Eliza E. Isham,	Florence E. Kimball,
George Kimball,	Helen S. Kyle,
Nellie M. Landt,	George Loveland,
John H. Miller,	Katie L. Nimblet,
Madeline A. Noyes.	Lizzie J. Ray,
Anna H. Reynolds,	Nellie Simonds,
Margaret Scott,	William F. Waters,
	Marion L. Witters.

REPORT
OF THE
SUPERINTENDENT
OF
PUBLIC SCHOOLS.

To the Honorable the City Council:

GENTLEMEN :—

In compliance with the provisions of the City Charter, I present the report for the Department of Public Schools (being the fifteenth to the City Council) for the year 1882 :

FINANCIAL STATEMENT.

RECEIPTS.

Interest on U. S. Deposit Fund,	\$ 1,372 94
“ “ Water Bond,	84 00
Rent of school lands,	156 38
Tuition from non-resident pupils,	648 00
Proceeds of sale of school furniture in 1876,	119 25
Sundries from sale of books, etc.,	14 60
Taxes for 1882,	18,233 90
Total,	<u>\$20,629 07</u>

DISBURSEMENTS.

Teachers' salaries,	\$15,681 26
Superintendent's salary,	800 00
Janitors and cleaning,	985 62
Repairs,	723 40
Fuel,	1,030 50
Apparatus, maps, etc.,	18 82
Incidentals,	462 89
Supplies,	260 93
Furniture,	57 62
Water rates,	85 00
Insurance,	120 90
Interest on loans pending collection of taxes,	232 52
Liability, reported January 1, 1882,	2 92
Total,	<u>\$20,462 38</u>

RECAPITULATION.

Total receipts,	\$20,629 07
“ disbursements,	<u>20,462 38</u>
Surplus,	\$ 166 69

ESTIMATED RECEIPTS FOR YEAR 1883.

Surplus from year 1882,	\$ 166 69
Taxes,	18,719 99
Interest on U. S. Deposit Fund,	1,372 94
Rent of school lands,	156 38
Interest on water bonds,	84 00
Tuitions from non-resident pupils,	500 00
Total,	<u>\$21,000 00</u>

ESTIMATED DISBURSEMENTS FOR YEAR 1883.

Teachers' salaries,	\$15,500 00
Superintendent's salary,	800 00
Janitors and cleaning,	1,000 00
Repairs,	1,200 00
Fuel,	1,000 00
Apparatus, maps, etc.,	50 00
Incidentals,	450 00
Supplies,	250 00
Insurance,	150 00
Furniture,	100 00
Water rates,	85 00
Evening schools,	165 00
Interest on loans pending collection of taxes,	250 00
Total,	<u>\$21,000 00</u>

FINANCE.

The amount of disbursements for current expenses during the year is very nearly the same as that of the preceding year, and, as shown by the foregoing statement, is within the receipts for the year, thus giving the department a small surplus for the year 1883.

Of the item \$1,202.92, which appears in the report of the City Treasurer this year credited to the School Department, as "Appropriations for balance of 1881," \$1,200 were included in my report last year, as "Additional amount provided for by City Council."

The estimates for disbursements the coming year, contained in this report, are not final, and may be changed by the action of the School Board before the levy of taxes.

It will be observed that a somewhat larger amount than usual is estimated for the item of Repairs, in view of some

much needed work which is likely to be done during the coming year. It is impossible to estimate with strict accuracy the cost of such work, but it is hoped that the amount mentioned will cover the expense.

SCHOOL PROPERTY.

During the past year, only ordinary and incidental repairs have been made. Circumstances were so unfavorable for doing the kind of work intended, that what had been contemplated with reference to Pine street school building, was not attempted. The demand for some changes and improvements in that building, however, is imperative, and must receive attention as soon as possible. The estimate for repairs the coming year takes this work into account.

The School Department is indebted to the Board of Aldermen for their action in giving the bell formerly upon the City Hall to the department. This bell, on account of its greater size and weight, was placed upon the High School building, and the old High School bell was removed to the North and Murray streets building.

Our main buildings are now all supplied with large bells, except Pine street building.

With the exception of what is referred to in this and former reports, the school buildings are in good condition, and under the plan adopted, are well adapted to the purposes for which they were erected.

STATISTICS.

The following tables of statistics show the usual items embraced in the school report, and sufficiently explain themselves, except as to the item, "Average number of days attendance." The figures under this heading should be taken in connection with the number of days for each term

in the different grades, viz.: the number of days in the Winter Term for all grades was 54; in the Spring Term, for High and Grammar Schools, 58, for Intermediate and Primary, 48; in the Fall Term, for High and Grammar Schools, 77, Intermediate and Primary, 72.

The terms of the Ungraded Schools are short and irregular, depending upon the attendance, which varies greatly.

1882.	WINTER TERM.										SPRING TERM.										FALL TERM.									
	Number enrolled.	Daily average attendance.	Attendance per cent.	Average number days at tendance.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by schools.		Number enrolled.	Daily average attendance.	Attendance per cent.	Average number days at tendance.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by Schools.		Number enrolled.	Daily average attendance.	Attendance per cent.	Average number days at tendance.	Tardiness.	Dismissals.	Scholars with no absences.	Visits received by Schools.				
High	95	82	87	47	22	23	22	15	79	67	85	50	19	26	9	19	113	97	86	66	59	34	19	42						
Grammar	140	129	92	49	20	15	35	4	132	113	86	49	23	25	27	22	124	105	85	65	19	26	18	14						
Grammar Annex	38	32	84	46	1	14	4	5	33	29	90	51	5	7	2	10	29	25	86	68	4	9	4	10						
Pine Street Intermediate ..	85	75	88	48	26	4	19	10	85	74	88	42	4	10	19	26	105	89	85	61	25	17	23	31						
Pomeroy Intermediate	72	64	89	48	4	7	14	10	70	63	91	43	3	7	21	12	78	69	88	64	6	10	12	17						
Adams Intermediate	61	53	87	47	6	18	7	8	50	41	83	40	2	15	5	11	53	43	81	58	2	29	5	3						
N. and Murray Sts. Inter.	35	28	80	43	9	5	4	6	30	26	89	44	5	2	11	8	34	27	80	58	7	8	8	9						
Pine Street Primary	130	103	79	42	25	3	9	21	137	106	80	38	7	1	20	18	136	107	80	57	24	5	13	50						
Pomeroy Primary	98	75	76	41	13	8	9	20	113	92	81	39	8	4	21	19	105	83	79	57	19	1	12	21						
Adams Primary	89	72	81	43	4	5	16	48	104	79	76	36	16	3	11	62	110	84	76	55	27	26	15	107						
N. and Murray Sts. Prim.	104	79	76	41	27	12	6	15	121	96	80	38	22	12	16	15	114	89	78	56	40	17	12	18						
Falls	67	49	73	40	11	8	7	5	55	38	70	33	8	7	4	8	60	44	73	52	11	13	2	7						
North Avenue	17	15	88	46	22	7	3	3	18	15	88	41	28	...	6	3	11	10	91	66	14	6	2	2						
Cherry St. Ungraded Day ..	39	21	54	24	...	...	...	...	39	21	55	13	...	...	...	4	20	12	60	9	...	...	...	...		
Cherry St. Ungraded Eve ..	46	21	46	22	...	...	...	...	39	21	55	13	...	...	...	4	70	29	41	11	...	...	...	...		
Falls Evening	30	15	50	20	...	...	...	...	...	...	...	...	...	...	...	...	31	13	42	8	...	...	...	...		
Totals	1146	914	80	...	190	129	155	170	1066	867	81	...	150	119	72	238	1193	926	78	...	257	201	145	331						

COMPARISON WITH STATISTICS OF 1881.

	WINTER TERM.				SPRING TERM.				FALL TERM.				YEAR.	
	Number enrolled.....	Daily average attendance.....	Attendance per cent.....	Number scholars with no absences.....	Number enrolled.....	Daily average attendance.....	Attendance per cent.....	Number scholars with no absences.....	Number enrolled.....	Daily average attendance.....	Attendance per cent.....	Number of scholars with no absences.....	Number instances of tardiness.....	Number of dismissals.
Totals in 1882.....	1146	914	80	155	1066	867	81	172	1193	926	78	145	597	449
Totals in 1881.....	1075	883	82	192	1059	878	82	214	1220	975	79	164	1102	339
Gains in 1882.....	71	31	.....	.....	7	.....	.....	.....	.....	.....	.....	.....	505	.....
Losses in 1882. . . . .	.....	.....	2	37	.....	11	1	42	27	42	1	19	.....	110

It will be noticed that there were gains in enrollment the first and second terms of the year, but a small loss the third term as compared with the year 1881. There was some loss too in the "Attendance per cent." and in the number of scholars having no absences, but there was great gain in punctuality, for tardiness was reduced from 1,102 in 1881 to 597 in 1882.

A special effort has been made during the last few years to correct the prevalent habit of tardiness, and the measure of success obtained is indicated by the statement that for the year 1879, the amount of tardiness reported was 2,186, while for the year 1882, as above stated, it was 597.

The "attendance per cent.," however, is much too low. Some allowance must always be made for sickness and other unavoidable causes of absence, but having made a liberal allowance for such causes, the unexcused and inexcusable absences are much too numerous. This matter is chiefly within the control of the parents. If they realized the loss their children sustained by irregularity, the increased labor imposed upon the teachers by their efforts in assisting the absentees to make up what they have lost, and the general hindrance to the progress of the schools occasioned by the lagging ones, it would seem as if, for the sake of others, if not for themselves, they would see to it that the scholars attend more regularly and more faithfully to the *business* in which they are engaged.

It would seem to be so self-evident as not to require mention, that nothing of less importance than the school should be permitted to interfere with the proper school work. And yet, if the estimation in which these things are held by some people can be judged by the trivial causes which are assigned for absence, it would seem as if attendance upon

school was secondary in importance to anything that may happen to turn up.

It should be added that children from some families can always be relied upon to be regular and punctual, except for necessary reasons, while children from other families can, with almost equal certainty, be depended upon for irregularity and tardiness. And in justice it should be said that it is found that most of the tardiness and irregularity come from a comparatively small number of families.

It is not because irregularity and tardiness give to the School Registers a bad appearance, and to the school reports an unfavorable showing, nor simply because they prevent the delinquents from making such progress as they ought to make, increase the labor of hard-worked teachers, and retard the school generally—not these reasons alone, although they would seem to be sufficient,—but there is another reason of still greater importance, and that is the effect of these things upon the character. Every business man understands and appreciates the value of regular and systematic habits of labor. One of the duties of the public school is to train the children in correct business habits. And if we can do something to produce orderly, systematic and regular habits of thought and action, much will have been accomplished.

And this is the reason for again urging upon the attention of the patrons of our schools what may to some seem unimportant topics.

HEALTH OF PUPILS.

In the discussions of educational questions during the past few years, reference has sometimes been made to the injurious effects of school life upon the health of the pupils. I am not aware that this charge has ever been made against our schools generally, but the discussion has led me to ob-

serve the schools with reference to the subject, and so far as my observation has extended, the result has been very favorable to the schools.

Very rarely, if ever, has a pupil of ordinary health and strength when entering the school, been compelled by reason of ill-health, brought on by studies or school life; to leave school, and so seldom, except during the prevalence of malignant and contagious diseases, has a death occurred among our pupils, that it has almost seemed as if special Providential care and protection were exercised over them. Our schools are not designed to be hospitals, and those in feeble health cannot reasonably be expected to secure restoration to health by entering school, and yet, undoubtedly, very many are improved by attendance. Our school day is not long, being for the youngest scholars less than four hours, and for the oldest only five hours.

A recess occurs at the end of every hour in the primary schools, and between recesses there is frequent change of position and application in the short and varied exercises in which the little ones engage. While in the upper grades, recesses in both sessions give sufficient relaxation and relief to prevent unfavorable consequences from constraint and confinement.

On the whole, it is believed that the succession of work and play, study and diversion, application and relaxation, mental and physical exercises incident to the life of the pupil in our public schools, is adapted to promote the healthful growth and development of the pupils.

Our school rooms, too, as poorly ventilated as some of them are, and as illy constructed as some of them may be, are yet superior to most of the dwellings from which the pupils come, and the care of the pupils while at school, both

with reference to pure air and the other conditions of health, is superior to that which many receive anywhere else.

And yet, it should be noticed, that occasionally a scholar seems to have suffered by reason of attendance upon school. Experience, however, has shown that most cases of this class disappear on investigation, and that the causes of the difficulty can usually be found in the life out of school.

A young, growing child cannot ordinarily, in addition to the requirements of the school room, with safety devote many hours daily to practice upon a musical instrument, or too intent bending over the palette or easel. Nor is it conducive to health to keep the nerves and the mental faculties of such children under undue excitement, and in a breaking degree of tension by engaging to excess in late evening entertainments, and by the observance of what are considered social obligations. And so far as the effect upon the bodily health is concerned, it matters little whether the occasion be devotion to the interests of a mission band, or the cultivation of dexterity and grace in the use of the lower limbs in the nightly terpsichorean drill. A few years ago, a series of entertainments was held for a considerable portion of the winter, which many of the scholars attended, and the result was manifest in the school rooms, in lowering the scholarship and decreasing the attendance of those so engaged. And it is frequently noticed that on the day following an evening social gathering or other entertainment, at which many of the scholars have been present, that an unusually large number are absent on account of "sickness." For the erroneous impression which sometimes exists that sickness is occasioned by overwork and confinement at school, some physicians are largely responsible.

Learning that the patient is "nervous," or affected with "general debility," and in school, they pronounce the cause

of the disease, "*school*," and prescribe as a remedy, "take her out of school."

Now, it is respectfully suggested to such physicians, that they carry their diagnosis beyond the fact that the patient is in school one-fifth or one-sixth of the day, and ascertain what are the employments, and the habits, the situation and the circumstances of the child during the other *four-fifths* or *five-sixths* of the day, and the prediction is ventured that in a large proportion of the cases, the disturbing cause will be found entirely outside of school duties and school relations.

That the average child is injured in health by overwork, or by any of the legitimate incidents of school life, is certainly not the case so far as our schools are concerned, and most of the talk about sickness and ill-health as results of attendance upon the Public Schools is without foundation.

The help of the medical fraternity in maintaining a healthful public sentiment in respect to this matter, is invoked.

TEACHERS.

As one indication of the care which has been exercised in securing good teachers, below is given, as usual, a partial list of Colleges, Normal Schools, High Schools and Academies represented by graduates and pupils among our teachers, viz :

University of Vermont,	2
Dartmouth College,	1
Oswego, N. Y., State Normal School,	7
Potsdam, " " " "	2
Geneseo, " " " "	1
Salem, Mass., " " " "	1
Randolph, Vt., " " " "	2

Burlington, Vt., High School,	6
Roxbury, Mass., “ “	1
Fairhaven, “ “ “	1
Syracuse, N. Y., “ “	1
St. Mary's School, Knoxville, Ills.,	1
Mt. Holyoke Seminary, Mass.,	1

The changes in the roll of teachers during the year have been few. With the exception of the High School there has been no change in the position of Principal. With the beginning of the present school year, Mr. Landon and Miss Benedict, who had for several years held with great credit to themselves the positions of Principal and First Assistant in the St. Albans High School, assumed similar positions in our High School, and we were especially fortunate in securing their services.

There were a few changes in subordinate positions, and a few promotions, and the newly appointed teachers have, without exception, by their good work, commended themselves to the School Board and to all interested.

Of the other teachers, who are old friends here, nothing new need be said. They are capable and faithful, and excel in their respective departments. That our schools are what they are, is due chiefly to them, and it is a pleasure, as well as a duty, to express publicly our appreciation of their superior qualifications for the positions which they occupy, and of the good work which they are doing.

WRITING.

The special instruction in writing under Mr. G. W. Thompson, was continued through the last school year, and during the last term of the year was extended to the Intermediate schools. This tended to give uniformity to the in-

struction and progress in this branch, and imparted new interest to the subject. But the results sought having been at least partially accomplished, it has not been thought best to continue this special instruction during the present school year.

READING.

Some new books for supplementary reading, including Parts 2 and 3 of the Child's Book of Nature, and Scribner's new Geographical Reader, have been introduced. The parts of the Book of Nature are upon Plants, Animals and Air, Water, etc. These three books were procured especially for use in the A Intermediate classes, and it was designed to have each class have the benefit of the complete series during the year by taking one book each term, and by passing the books from school to school.

The matter contained in the books is illustrated by the teachers and sometimes by the scholars themselves, by simple but effective experiments; specimens suggested by the different books are collected by scholars and brought to the school rooms; the development of seeds, the unfolding of buds and flowers, and growth of plants are eagerly watched by the pupils, and thus while training in reading is not forgotten, interest is awakened in things which are worth knowing, and much valuable information is imparted in what should be the familiar sciences.

The Geographical Readers fill in the dry facts of Geography with interesting and instructive narrative on the physical features of the countries, and the habits, occupations and histories of the inhabitants. This is reading to double purpose. The knowledge of various subjects is increased, and the varied and additional amount of matter cultivates ready and intelligent reading.

FLETCHER FREE LIBRARY.

Closely connected with this subject is the benefit which is derived from the Fletcher Free Library by our schools. Attention was called in the report of last year to the interest which had been manifested in some of the schools in reading outside of the school room. Early in the year lists of approved books contained in the Library, which were deemed especially suitable for the young, were furnished to all the schools above the Primary grade.

The teachers have made selections of books adapted to the needs and tastes of the scholars. Care has been exercised that the scholars should not read too rapidly or too much, but rather that they should read slowly and intelligently. Books have been chosen, when possible, bearing upon the studies being pursued, and in this way the disposition to study text books rather than the *subjects*, has been to some extent counteracted. Popular scientific works, histories, biographies, travels, and fiction, by the best authors, have been read with great interest. By this means something of breadth and depth has been given to the thoughts of the pupils, their horizon has been extended and a new world has been opened up before them. And this has been done not only without loss to the studies pursued, but with positive gain to them, and with general improvement in the spirit and interest of the schools.

Thanks are again due to the Librarian and assistant Librarian for the ready assistance they have rendered to the teachers in this work.

Special acknowledgment should also be made to Hon. J. H. Smart, late State Superintendent of Education, of Indiana, for several copies of his convenient and valuable work on "Books and Reading." This book has been of great

service to the teachers in the selection of books from the Library.

UNGRADED SCHOOLS.

The day and evening ungraded schools are still doing an important work. More interest than usual has been manifested the past year, especially in the Cherry Street evening school. The demand was so great that the Board felt authorized to open this school for a spring term, and the attendance justified the action. It now seems probable that there will soon be occasion for keeping open an ungraded school throughout the regular school year. Mr. Foster, who is for the third season teaching the Cherry Street schools, has been very successful in gaining the confidence and respect, and holding the interest of his pupils.

COMPULSORY ATTENDANCE.

During the past few months the census returns have brought to our attention the unwelcome and mortifying fact that there is even in Vermont a dark mass of illiteracy, the State standing in respect to the per centage of persons ten years old and upwards who cannot read, the twentieth in the order of States and Territories—the per centage being 4.9. There are some obvious reasons for the existence of this deplorable condition, and it is clear that the amount of illiteracy will not be greatly diminished until the present generation has passed away. But the State has the authority, and it is a duty as well, to prevent the succeeding generations from filling this measure of ignorance. It can and should insist that the children shall not be illiterate. There are different ways of meeting this question. One remedy is already contained in the laws of the State in regard to compulsory attendance.

The following are some of the provisions of the Revised Laws, viz :

Sec. 669. Every child of good health and sound mind, between eight and fourteen years of age, shall attend a public school at least three months in the year, unless such child has been otherwise furnished with the means of education for a like period of time, or has already acquired the branches of study taught in the public schools : and a parent, master or guardian who permits his child, apprentice or ward to violate the provisions of this section, shall be prosecuted and fined as provided in section five hundred eighty-six.

Sec. 670. A member of the prudential committee of a district, or a sheriff, deputy sheriff or constable of a town in which the district is located, may arrest, and shall arrest upon application of three voters of the district, any child who is violating the provisions of the preceding section, and who, during the term of the public school in the district in which he resides, is habitually found in the streets or other public place, having no lawful occupation, or who is an habitual truant ; and shall take him to the school in said district and place him in charge of the teachers thereof ; and shall give notice thereof in writing to, and shall therein require the parent, guardian or master to cause the child to attend school regularly.

Secs. 671 and 672, provides for the arrest and punishment of the parent, guardian or master who violates the preceding sections.

Sec. 673. No child between ten and fourteen years of age, who has resided in the State one year, shall be employed in a mill or factory unless such child has attended a public school three months during the preceding year. A person who employs a child in violation of this section shall forfeit not less than ten nor more than twenty dollars, to be recov-

ered by prosecution before a justice, one half to go to the complainant and one half to the town in which the child resides.

These provisions have been very generally ignored throughout the State. But in view of the magnitude of the evils which now exist, and of the greater ones which are liable to follow from the prevalence of so much ignorance, it is time that willful illiteracy should be regarded as a crime, and that the laws in regard to the compulsory attendance of children upon schools should be enforced. Knowledge, it is true, is not a sure preventive of vice, but idleness, truancy, bad associates and ignorance make most productive soil for crime.

Private interest and public policy unite in requiring that the advantages of the public schools be not only extended to, but forced upon, if need be, all children of the State who are not otherwise provided with the means of education.

GENERAL CONDITION.

The general condition of the schools the past year has been gratifying. It has not been the policy of your School Board to prescribe methods of instruction to be followed by all the teachers, to the exclusion of all other methods, because it is believed that a well trained and experienced teacher will do best by working out, to a great extent, and following her own methods.

A teacher should not be a machine, or a mere copyist; neither should she be circumscribed by the dogmas of any school; she should rather throw her own personality and originality into her work. Then her instruction and management will have freshness and vigor, and, if her methods are right, effectiveness.

With this theory, representatives of different Normal

Schools, and other Institutions, have been sought for teachers, and different methods in teaching have been allowed and encouraged by the Board. The teachers have been directed to adapt their methods to their respective grades, and to the particular needs of the pupils under their care. And so we have endeavored to guard our schools against acquiring a stereotyped character.

The Primary schools have, for several years, enjoyed and merited a particularly good reputation. Recently, methods which are not new, but which have not before been in vogue here, have been employed in the Adams Primary, viz: the sentence method in reading, and the Grube method in arithmetic. These methods are with us, as yet, experimental, but the results thus far obtained are very satisfactory. In reading, the pupils have learned a larger number of words than have usually been given in the same length of time, and, in addition, have had lessons in the proper use of language in conversation, in politeness and gentle manners, which cannot fail to be of great value. While in the first steps in arithmetic following the Grube method, the pupils have from the outset been taught the various combinations and relations of numbers in a way to call for the exercise of their thinking powers in a manner which is very interesting, and which it is believed will prove to be productive of good results.

Successful teaching, by these methods especially, is conditioned upon the hard, faithful work of well equipped teachers.

The Intermediate schools have gained upon themselves. Their instruction and influence are especially noticeable in the classes which pass to the Grammar schools. These have shown not only thorough instruction, but unusual power of

application, and ability to grasp independently the studies pursued.

The Grammar schools are in charge of the same teachers who have for years been identified with them, and have held, and I think somewhat advanced, their standard. At the opening of the present school year, Latin, which for some time had been an optional study in the A class of the Grammar grade, was taken out of the Grammar School course of study.

At the beginning of the present school year, Mr. Torrey's term having expired, and Miss Johnson having declined a reappointment, as before stated, Mr. S. W. Landon and Miss Lizzie M. Benedict assumed the positions of Principal and First Assistant in our High School. At the same time an important change was made in the course of study by adding another year, and thus making the High School course occupy four, instead of three years, as before.

This change in course of study had for a long time been under consideration, but circumstances had seemed to make it advisable to defer it. Great improvement can now be made in the school. The former arrangement had never been entirely satisfactory. The work had been crowded, and too much had been attempted in the time allowed. Now greater thoroughness can be secured, a larger range of studies introduced, and greater prominence can be given to certain studies of immediate value to the young citizens. Those who go on to higher institutions will go with better preparation, but the other and larger class—those who go no farther than the public school, and are therefore anxious to reap the largest measure of benefit, will be chiefly profited by the change.

During the last term the study of civil government has had a prominent place, and a beginning, at least, has been

made toward acquiring a knowledge of the history, organization and fundamental principles of our National and State governments. The High School, under its present management, will be found to be especially valuable for its influence upon character. Obedience, that essential and basal element in moral training, without which such training will necessarily prove a failure, will be insisted upon, but in such a way that its justice and propriety will be recognized.

While the school will be attractive and pleasant, earnest work will be expected. While proficiency and excellence in scholarship will have a high place, the cultivation of manly and womanly character will be preëminent. To secure the best results there must be the coöperation of the parents with the teachers, and their aid is requested to second the efforts of the teachers in preventing excessive indulgence in diversions, and in promoting studious habits.

The school is now unusually large, already exceeding the present seating capacity of the room.

It is believed that our High School now enters upon a new career of usefulness, and that it offers better advantages than ever before.

It has sometimes been thought that under our graded system there has not been sufficient opportunity for promotion to those scholars who are able to make more rapid progress than the regular classes provides for. Recently attention has been given to this matter, and quite a number of special promotions have been made when the interests of the pupils made this course advisable.

Such promotions can frequently occur to the advantage of individual pupils and the schools.

The effort has been continued to give prominence to training the pupils in all the grades, not only to be intelli-

gent, but also to be good. Moral training has not been a branch of study for lecture or recitation, but has been brought in incidentally, and has been accomplished by the personal influence, and the exercise of the moral force of the teachers. And, apparently, there have been some interesting modifications, if not transformations of character. This has been the work of *good teachers*. The members of the School Board have kept in mind the fact, and have endeavored to make it influential in their conduct of the schools, that the prime end of the public schools is to prepare the youth of the country for good citizenship.

This truth is so forcibly expressed by A. Vessiot, the academic inspector of schools at Marseilles, France, in a circular addressed by him to the teachers of his district (and issued in this country by the National Bureau of Education) that I wish, in closing, to quote from it briefly. He says, and evidently in view of the establishment of the French Republic:

“We advise our teachers to assign hereafter a large place in their work to instruction in morals and civil government. Moral and civil instruction meets the wants as well as the wishes of the country; it is a necessary consequence of the profound change which is taking place in our institutions, in our laws, in our manners. The establishment of the Republic and of universal suffrage, which is its basis, has given to the school a new character; it imposes upon the teacher new duties. The primary school is no longer local, communal; it has become in the highest degree a national institution, on which even the entire future of the country depends. It is no longer a place to which the child resorts to acquire certain information that may prove useful to him in private life; it is the source from which is to be drawn, together with the principles of universal morality, a

knowledge of his rights and duties in regard to public life; it is the school of citizenship and patriotism. The function, then, of the teacher is notably increased, and his responsibility extended. The teacher used to drill his pupils in reading, writing and arithmetic; now, without neglecting that portion of his duty, he ought to have a higher ambition, namely, that of raising up for the country, defenders, and for the republic, citizens."

Expressing my appreciation of the liberal support of the Public Schools by the people of Burlington, and of the forbearance extended to the School Board in their efforts to make the schools worthy of confidence and patronage, and earnestly soliciting continued and increased interest in the schools, this report is

Respectfully submitted,

H. O. WHEELER,

January, 1883.

Superintendent.

REPORT
OF THE
TRUSTEES
OF THE
FLETCHER FREE LIBRARY.

BURLINGTON, VERMONT, December 31, 1882.

To the Honorable the Board of Aldermen :

GENTLEMEN:—

The Trustees of the Fletcher Free Library beg to present to you their ninth annual report.

You will note, by the Appendix here added by the Librarian, that the year has been a good one for gifts. The Trustees desire to record their hearty thanks to the generous givers, true friends of the Library and careful of its best interests.

Among the more important additions by gift or purchase are: Ebers's Egypt, from the Rev. T. A. Hopkins; Hamerton's Graphic Arts, the large illustrated copy, from the Hopkins Fund and Mr. George H. Morse; Gorrings's Egyptian Obelisks, from Prof. Spencer Marsh; Kemp's Yacht-Sailing, Perry's History of Sculpture, Symonds's Renaissance in Italy, 5 vols., from the Fletcher Fund; Russell's Life of Moore, from Dr. Woodhouse of Rutland; and many others, a list of which will be found in the Librarian's report.

Here, perhaps, is the place to note the gift, not of books, but of the boiler for the new heater of the Library; and to thank our liberal townsman, Mr. Henry Loomis, who made us a present of it. His gift has made it the easier to do what has been long needed to make the building comfortable for those employed in the Library, and for the public using it. It is hoped that the new steam furnace will do this satisfactorily. It will, at any rate, do away with the bother of the stoves and with the coal-dust, which has kept the room dirty and the books grimy, much to their damage.

It is to be noted also that our list of periodicals has been somewhat enlarged. This is a department of growing interest and value, to which the Trustees would willingly add still, were it in their power. It is gratifying to them to observe how the use of it increases; from the illustrated paper which takes the eye of the school boy or loungee, to the scientific journal and the review which engage the more serious attention of some workman or student.

The publication of the new "Poole's Index to Periodical Literature" will be bringing our sets of reviews and magazines now into still larger use. It is creditable to our city that our Library has had its share in the good work of bringing the important Index to its completion. As the Library grows, the need is more and more felt for a proper building as convenient for library uses as our present one is, in many respects, unsuitable. In no respect is its inconvenience more felt than in its lack of a reading-room, where our magazines and papers and our reference books may be consulted in quiet. There is no feature more enviable in the free libraries in other cities, than the comfortable room set apart in them for this purpose. Its stillness and comfort invite to study, which, we have to confess, our inconvenient quarters do not.

It is witness to the importance of this department that the use of it is so large, in spite of such hinderances.

In all its departments the Library is growing in size, and in the use, certainly, of the best books. It gains, if not in the gross number of readers, yet in the quality of reading. Its grade of use is on the gain. The per cent. of "books which are books," asked for, is larger than it was. At its start, it seemed well to bait its hook with some fiction, not of a low order of course, but of a less class than the first and best. The Trustees see no longer any need of this lure to read, finding how the appetite of readers has grown for what is better and better, in fiction or whatever.

Thus, the Library is growing steadily in worth to our citizens and increasingly to the credit of the city. Well used as it is, however, it may be questioned whether it is prized at the top of its worth, simply because it is not recognized how well-proportioned a library it is, and, considering its limited means, how rich and full. None know so well as the Trustees what gaps there are in this and that class of books on our shelves. They fill these gaps as they are able. But you cannot have all the virtues for two-and-three pence, nor can all the books that the public want, much less those which the Library needs, be bought on our small income.

One class has to wait for another to get supplied. If history gets well supplied at one purchase, science has to stay lean till the next, and if the reference shelves are to be filled with an important set of books, the general library has to bide its time. But also, almost none can know so well as the Trustees how balanced the Library is, on the whole, between department and department, and how better than respectable, already in the few years since the

foundings, is the place it occupies among the free libraries of the country.

It is their aim to magnify its office among us, by increasing its usefulness and adding to its treasures. And, to this end, they would invite the increasing care and interest of our citizens in its behalf, and if may be, their increasing generosity. Why should it not become, as it were, many in one? The city of Birmingham speaks of its Free Libraries in the plural; yet they are all in one. Each department is a little library of itself. And how is this done? By one and another citizen of public spirit endowing, each in his own name, that department which is most in the line of his business, study, or taste. In this way it becomes easy for the department of science, of mechanics, of letters, history, art to be filled up with the books authoritative in each. Even special divisions or branches of a department may thus be provided for. Nor need the endowment be a very large one. For a moderate income will keep almost any range or class well agoing.

There is, however, one class which cries out for a bigger sum, if only it may get it for the crying. This is the Reference department, which is, on the whole, the most useful, and is, of all, the one which cries loudest, "More, more!" It would very much like ten thousand dollars to endow it. Or a stated sum annually might be given, enough to keep it abreast of its needs and of the yearly increase of the authorities in its line. In this line are the dictionaries, encyclopædias, hand-books, works on the mechanic and fine arts, and the other standards, which are too costly to buy out of a general fund, and leave much for the purchase of current books. The Library is a lusty infant, well upon its legs, yet stands in need still of what the Good Book calls "nursing fathers and nursing mothers." The Trustees

have the nursery open, and a hearty welcome ready for all generous care-takers who come.

Our report has to go over much the same ground, year by year—dwelling on the use and worth of the Library to our city, stating its wants, and expressing its thanks to many friends for their gifts, and to your honorable board for your liberal care. Our gratitude may seem to be of that sort which has been defined to express “a lively sense of favors to come.” Be it so. We are content to have it seem so, if only it be understood that this feeling springs out of the lively sense we have of the larger advantages yet to come to this community from its Fletcher Free Library.

But, this year, we have a novelty to present, which we are sure will commend itself to you and the public. This is the beginning of a plan to make the Library more useful in our schools. A wise old book says: “The world is saved by the breath of school children.” It is important, then, the public library should do its part to make this breath of life sane and strong and pure. And ours is seeking if it may not be more systematically and definitely useful to our public schools. The Trustees have had little to do in arranging the plan. They have simply consented to it, and they will foster it. The credit is due to our painstaking Librarian, and the faithful teachers who have fallen in with it. It is only a beginning, and too much is not to be claimed for it or expected of it. But it promises well.

It is, really, a plan to make the schools branch libraries, or, if you please, to make the Library an annex to the schools. Baskets of books are sent to the Primary and Intermediate schools, of the best reading for girls and boys, which the teachers then loan, keeping the proper account. These are circulated till they are read through, and then another basket is got together by the teachers and Librarian.

Thus, instead of choosing in a blind way from the catalogue, or by hearsay from their mates, the children are directed in a plain way of good reading. Already some of the teachers report a healthy readiness on the part of the scholars to read what is thus ready to hand and set before them with pleasant explanations as to what the books are all about.

He was prudent, who, in answer to the cant about "not prejudicing a child's mind," replied that he would prefer to "prejudice" his garden-plot in favor of strawberries than leave it to the chance of purslain and pig-weed. This novelty in our library work promises to do something to plant "herb of grace" in the children's minds.

And it means not only to oust, so far as it may, the trash or worse which chance-reading may throw in their way, but to help them make reading a pursuit, not mere pastime. Teachers are finding it awakening a new set of ideas among their scholars, and calling out some freshness of interest in their school work. One of the mischiefs in this work, every where, is the monotony and routine into which it is prone to fall. Against this capital method to steal away our children's brains, many improved methods in teaching and discipline have set themselves with vigor. And among these we may reckon the connection of library with school, such as we are trying for by this simple plan. Too much we are not to look for, but its benefit is even now beginning to show.

We have brought our reference library, as well as our circulating, into the schools. The Librarian sends down his selections of books, not only to loan, but for use during school hours. He has got together for this purpose, to go the rounds, a pleasant little library of books of travel—in India and the East, the cities of Europe, and the natural

wonders of our land. It does not need to argue the help thus given to the study of geography and history.

Some one has called the public library the "intelligence office" of a town. It ought to be so, if it means to hold the position which it claims, as a fourth estate of learning and education. The Trustees of ours have no better wish for it than that it should be an office of intelligence. And they believe it is, in some appreciable degree, making the name good.

Once more, therefore, they commend it, gentlemen, to your generous consideration and fostering care.

I am, for the Trustees,

Yours respectfully,

L. G. WARE,

Secretary.

LIBRARIAN'S REPORT.

BURLINGTON, VERMONT, January 1, 1883.

To the Trustees of the Fletcher Free Library:

GENTLEMEN:—

My report as Librarian for the year 1882 is herewith respectfully submitted.

The general working and the aims of the Library are so fully set forth in Mr. Ware's report that it becomes unnecessary for me to repeat in detail what has been once presented in general.

The usual appendices will be found farther on, and I shall only briefly mention one point.

The expense of maintaining the Library has often been used as an argument against the Library. I wish to use the same argument in its behalf. If the twenty-five hundred dollars which have (on an average) been expended for the ordinary running expenses were contributed per capita, the tax would amount to *twenty-two cents*; divided by polls it would be about *one dollar*, and on the present grand list it amounts to less than *four cents*. Thus it will be seen that the man who pays a poll-tax (and he is ordinarily the most heavily burdened) contributes about *seven cents* annually to the support of the library.

The Library is in the fullest sense a *public* institution. No other department, save one, can be so freely enjoyed by all. It is the "people's university." It meets the wants of all possible grades of intellect and education; it meets the very considerable number of our citizens of another tongue, with books in their own language; and, besides being a museum of recreation, it is a great storehouse of knowledge.

It has a positive industrial value. It has saved time, money and labor to many a person and to many a business. In the language of a contemporary "the Library is a coördinate, and the most important coördinate with the public schools." And while it is undoubtedly true that many people take no interest in it and have never been within its walls, it is confidently expected that the next generation will use it to an extent as yet unknown. There are those using the Library now who cannot remember back to the time when it was founded, and it is unreasonable to suppose that with maturity they will lose the interest which they now feel.

But there is a sense in which the library costs too much—that which makes anything too costly when it does not make the full return which it *might* make. In the present instance it is the waste of opportunity which naturally follows from so small a book-fund income. There is staff enough to care for double the number of volumes and additions. And while I would not advocate the enlargement of the income for the purpose of keeping the custodians properly employed, I would like to emphasize the thought that with the opportunity at hand, the means should be forthcoming. I do not intend this as polite intimation to public minded citizens, but as a direct appeal to the people to provide the funds from the public treasury.

There are many books which the Trustees cannot even think of buying. Reference books—books which no one person can afford to buy, or of which only one copy is needed in the community. Such books as Knight's Mechanical Dictionary, Watts' Dictionary of Chemistry, Smith's Historical Atlas, transactions of the learned societies, the almost numberless and invaluable books in natural science

to maintain any one department of which would absorb the present income.

I am aware that the narrow-minded man and the gloomy pessimist will immediately exclaim that "many things are desirable which cannot be afforded." But they should bear in mind that books which are valuable to individuals are a public economy, and that money wisely expended in furnishing a public library not only serves it in the present, but enriches it forever.

I believe then, that it is reasonable to suggest to those who direct the affairs of the city that they appropriate annually for the reference library a stated sum, either a fixed amount or by per centage on the grand list.

Very respectfully,

T. P. W. ROGERS,

Librarian.

APPENDIX A.

A list of a few of the more important titles added during the year:

Ancient History from the Monuments.	6 v.	624.25
Beardsley. English Surnames.		R. L.
Bosworth & Waring. Anglo-Saxon Gospels.		R. L.
Brewer. Dictionary of Phrase and Fable.		R. L.
Browne. State Trials of the 19th Century.		242.11
Caird. Philosophy of Kant.		1061.26
Capper. The Boden See.		615.34
Cooper. Men of the Time. 10th ed.		R. L.
Cox. Aryan Mythology.		1222.22
Dante. Divine Comedy (Carlyle)		862.10

Dante. Divina Commedia.	1551.40
Dante. Opere Minori. 3 v.	1551.41
Davis. Cities and Cemeteries of Etruria.	218.22
Du Chaillu. Land of the Midnight Sun.	612.26
Dumas. Catalogue of the Salon, 1879-82.	R. L.
Fletcher. Fletcher Genealogy.	R. L.
Freeman. Historical Geography of Europe. 2 v.	222.10
Gorringe. Egyptian Obelisks.	R. L.
Grote. Plato. 3 v.	1061.27
Hamerton. The Graphic Arts.	R. L.
Hawthorne Index.	R. L.
Hospitallier. Applications of Electricity.	162.26
Hubbard. Newspaper Directory. 2 v.	R. L.
Kemp. Yacht Sailing.	* 1025.35
Lyell. Life of Sir Charles Lyell.	732.16
Maberly. The Print Collector.	824.38
Mahaffy. Social Life in Greece.	213.10
Maine. Ancient Village Communities.	1056.21
Maine. History of Institutions.	1056.20
Morley. Life of Cobden.	717.20
Mozley. Reminiscences of Oriel College.	728.3
Nordenskiöld. Voyage Round Asia.	* 652.29
Perry. History of Sculpture.	824.37
Price. Political Economy.	1045.15
Rawlinson. Ancient Egypt. 2 v.	251.26
Redgrave. Artists of the English School.	R. L.
Rimmer. Old County Towns.	613.19
Rimmer. Round Eton and Harrow.	613.17
Russell. Life and Diary of Moore. 6 v.	1531.12
Sala. Paris Herself Again.	617.23
Skeat. English Etymological Dictionary.	R. L.
Smith. Dictionary of Christian Antiquities. 2 v.	R. L.

APPENDIX B.

Whole number of books entered on the Catalogue of Accessions, 14,000.

Number of books held in trust, and duplicates, 1500.

Number of pamphlets, 2300.

Number of Periodicals taken, 38.

Number of volumes added in 1882, 626.

Number of volumes lost during the year, 4.

VOLUMES DELIVERED FOR HOME USE IN 1882.

	Total.	Fiction.
January,	*2,258	1,502
February,	2,945	1,946
March,	3,035	2,125
April,	2,749	1,860
May,	2,170	1,439
June,	*1,490	1,083
July,	1,824	1,436
August,	1,770	1,308
September,	1,824	1,264
October,	2,060	1,399
November,	2,071	1,410
December,	2,237	1,536
	<hr/>	<hr/>
	26,437	18,308

*Closed one week.

APPENDIX C. LIST OF GIFTS, 1882.

	Bd.	Pam.	Nos.
Chas. E. Allen.....	4	1	
J. M. Allen, Hartford, <i>Conn.</i>	3		
American Iron and Steel Association		8	
American Swedenborgian Society	12		
Anonymous		2	
Dr. H. H. Atwater		1	
J. D. Bartley, Bridgeport, <i>Conn.</i>		1	
G. G. Benedict.....		2	
Miss Elizabeth Bigelow, (loaned)	200		
George H. Bigelow.....	2		
Lucius Bigelow.....	1		
G. S. Blodgett & Co.	3		
Boston Athenæum.....		2	
Boston Public Library		1	
Bridgeport, <i>Conn.</i> , Public Library.....		1	
Wm. Brinsmaid.....	1		
Brookline, <i>Mass.</i> , Public Library.....	1		
Mrs. Joseph Brown, New York.....	27	8	24
L. G. Burnham & Co.		1	
Canada, Department of Agriculture		12	
H. LeGrand Cannon	3	2	
G. M. Castroni.....		2	
Cincinnati Public Library	1		
Cincinnati Mercantile Library.....		1	
Cincinnati Public Library.....		1	
A. B. Clark, Vergennes.....	1		
J. H. Converse, Esq., Philadelphia.....	1		
Hon. Chas. Cowley, Lawrence, <i>Mass.</i>	1		
Hon. J. M. Currier, Ottawa, Canada		7	
Mrs. Kate A. Davis.....	1		
W. H. Dubois, Randolph.....		1	
Hon. G. F. Edmunds.....	1	2	
J. R. Forest			21
W. E. Forest, New York		1	
Free Press Association.....	1	28	
S. S. Green, Worcester, <i>Mass.</i>		1	
C. A. Greenleaf.....		1	
E. E. Greenleaf.....		4	
George I. Hagar	17		
Hon. W. H. Hallett, Brighton, <i>Eng.</i>	1		
Harvard University Library		3	
Hon. Jo. D. Hatch.....	2	33	
J. W. Hickok	5		
Rev. T. A. Hopkins.....	1		

LIST OF GIFTS—(Continued.)

	Vols.	Pam.	Nos.
S. Huntington & Co.	2		
Incorporated Law Society, London, <i>Eng.</i>	2		
Indianapolis Public Library		1	
J. Kelly			6
Leeds, Eng., Public Library....		1	
George W. Lowrey		1	
Miss Lizzie Lowrey	3		
Lynn, <i>Mass.</i> , Public Library		1	
Prof. Spencer Marsh, Washington, <i>D. C.</i>	1		
Massachusetts State Library		3	
Philadelphia Mercantile Library,		2	
Mrs. C. E. Miner	2	1	
Hon. J. S. Morrill	32	27	
Hon. J. S. Morrill. Map of Colorado			1
George H. Morse, Esq.			
Mrs. H. J. Nelson ..		1	
New Bedford Public Library		1	
New York State Library	1	2	
G. B. Northrop, Clinton, <i>Conn.</i>		3	
A. L. Papineau		1	
G. F. Parmelee, Topeka, <i>Kansas</i>		1	
F. H. Parker		30	
Prof. G. H. Perkins		1	
Hon. E. J. Phelps		1	
Philadelphia Library Co.		1	
Albert G. Pierce ..	3	1	
Providence, <i>R. I.</i> , Public Library		1	
Miss C. M. Roberts		1	
Robert Roberts		7	
Rev. Geo. B. Safford	1	94	
Wm. C. Schroeder		1	
B. B. Smalley		94	
Smithsonian Institution	4		
R. B. Stearns	1		
William H. Stone,	1		
Harry B. Storrs	7		
Hon. J. C. Taché, Ottawa, <i>Canada</i>		12	
E. B. Taft, New York Nation (subscription)...			
E. B. Taft	1	7	
U. S. Department of Agriculture	2		
U. S. Census Bureau	1	18	
U. S. Bureau of Education			
U. S. Department of Interior	48	5	
U. S. Department of the Navy	1		

LIST OF GIFTS—(Continued.)

	Vols.	Pam.	Nos.
U. S. Patent Office.		13	
University of Vermont.		1	
State of Vermont	12	2	
Mrs. C. Walker	20	2	
H. L. Ward			42
Rev. L. G. Ware	5	85	
Water Department of Burlington.		28	
H. O. Wheeler		1	
Mrs. Louis Wheeler. Map of Burlington			1
A. G. Whittemore.	1	11	
A. G. Whittemore, (loaned).	45		
Woburn, <i>Mass.</i> , Public Library.		1	
H. E. Woodbury.		5	
Charles Woodhouse, M. D., Rutland.	6		

REPORT
OF THE
Chief of the Fire Department.

To the Honorable the Mayor and Board of Aldermen :

GENTLEMEN:—

In conformity with the requirements of my office, I most respectfully beg to submit my annual report for the year ending December 31, 1882.

DEPARTMENT HOUSES.

Although the houses provided by the city for the use of this Department answer the purpose in a measure, still they are inadequate to the best interests of the Department, and greatly inferior to such buildings as are ordinarily furnished by other towns and cities of even less wealth and population. There has been but little change made in the condition of the houses since the last report of my predecessor. The Howard Hose house has been put in such repair, during the past year, as to now answer their present wants. The Star Hose house is in a bad condition, and measures should be taken at once to, at least, put it in a fair state of repair, which, I understand, the fire committee intend to do in the spring.

DEPARTMENT APPARATUS.

The apparatus is in good condition, with the exception of the hose cart of Ethan Allen Engine Company. This cart

has had hard service, and having been in use twenty-four years, should be replaced by a substantial, first-class cart, with modern improvements.

HOSE.

In regard to the quantity of hose on hand, and its condition, I would respectfully refer you to the company statistics appended hereto.

In this connection, I most respectfully call your attention to the urgent necessity of some suitable means being provided for storing, properly drying, and caring for the hose. In many places a general hose house is provided, where all of the hose is washed, dried and repaired, and where all surplus hose is stored. Under the existing arrangement it is an impossibility to properly dry, and care for, *all* of the hose belonging to the department. With suitable facilities, and a proper person to inspect and care for the hose, the efficiency of the department would be greatly increased, and the many annoyances so embarrassing to firemen,—such as the bursting of hose, and imperfect couplings, would, in a large measure, be avoided. In case of a serious conflagration, it is a matter of the greatest importance that the hose and couplings should be perfect, as the bursting of one line of hose at a critical moment may cause the destruction of a large amount of property. After a place is provided, the expense of this way of caring for the hose would not be much, if any, more than it is at present, and the hose would last very much longer. As a matter of convenience to the firemen, and, in the end, economy to the city, I do not hesitate to recommend the change.

HYDRANTS.

Five new hydrants have been added, making now in use 148, including 20 private ones. The change from under-

ground to post hydrants, by the Water Committee, is a move in the right direction, and I hope post hydrants may gradually be substituted until all shall have been so changed.

THE FIRE ALARM TELEGRAPH

is in good order, and consists of the same property as last year, $8\frac{1}{2}$ miles wire, with 19 boxes and 4 indicators. There is an apparent need of more boxes, which, I trust, may be added from time to time, as the finances of the city will allow. The value of the system is so self-evident that any reasonable expense to perfect it will meet the approval of every one.

REGULAR FORCE.

The Department consists of two (2) hand engine companies, four (4) hose companies, and one (1) hook and ladder company. The engines have not been called into use in the city limits during the past year, but are kept in thorough working order in case their services should be needed, and the companies do duty as hose companies.

The officers and members of the several companies have responded to alarms quickly, obeyed all orders, and too much praise cannot be accorded them for the prompt and effective service they have rendered. The efficiency of the department was demonstrated at the disastrous fire at the Pioneer buildings, November 21st.

To arrest, as was done, the farther progress of the flames, both North and South, was an achievement which demonstrates the ability of the department to deal successfully with, and overcome, the most serious of conflagrations.

VOLUNTEER FORCE.

This portion of the service should have mention in my report. I regret that two of the companies, the W. N. Greene and E. M. Sutton Hose companies, have retired

from active duty. This leaves the Volunteer Hose Co. No. 1, the only independent company which can be depended upon to respond to an alarm. Being centrally located, and provided with a modern carriage, drawn by a horse, they are thus enabled to reach any portion of the city with great rapidity. This company, carrying as it does 1,400 feet of hose, with pipes, and all necessary appliances for laying four complete lines, is of valuable assistance to the regular force. The importance of their services was so apparent at the fire at the Pioneer Shops, already alluded to, that it deserves this official recognition. They have responded to all alarms during the year, and obeyed all orders cheerfully and promptly. It would seem as though the city could well afford to tender them some pecuniary assistance toward defraying their necessary expenses.

ANNUAL PARADE.

The annual parade and inspection occurred on September 7th; all the regular companies, together with the Volunteer Hose Company, appeared in line, and on inspection the apparatus was generally found in a very good and serviceable condition. As is usual, the companies were in full ranks, marched well, and made a very fine display,—the new uniforms of the Hooks and Boxers adding much to the appearance of the line. Where all looked and done so well, it would be unjust to make special mention of any.

HOOK AND LADDER COMPANY.

This old and reliable company, forming, as it does, so important a branch of the department, have made some improvements which should be noticed. The past year your Fire Committee have fitted for their use the very convenient and pleasant hall in Exchange Block, recently

occupied by the Greene Hose Company, which this company have provided with a fine carpet, and furniture adapted to their wants. This supplies to them a long needed requirement in which they may justly take pride. This company, equipped with substantial apparatus, and new uniforms, are a credit to the department; and its full ranks, composed as they are of men who are "always ready" to do their duty, are well entitled to the praise so generally accorded them.

FINANCES.

The amount of unexpended balance and the appropriations was.....	\$5309 42
Amount expended to date.....	3801 97
<hr/>	
Balance unexpended.	\$1507 45

REMARKS.

By reference to my report of Fire Alarms, appended hereto, it will be noticed that the total number of alarms to which the department have responded was 22, one of them only being false (Box 35).

The fund belonging to the department has been increased by the generous gift of one hundred dollars, by Mr. J. R. Booth of Ottawa, through his agent, Col. U. A. Woodbury, making this fund now amount to \$200.

In conclusion, I beg to return my thanks to your honorable body for the interest which you have manifested toward this department; to the fire committee for their unceasing efforts in its behalf, and the wisdom with which they have made their expenditures; to the assistant engineers for their hearty cooperation with me at all times; to the officers and members of the several companies, both regular and inde-

pendent, for the cheerful service they have rendered; and to the citizens generally for their valuable aid rendered at the extensive fire at the Pioneer Shops, and the interest at all times manifested by them in the welfare of this department.

All of which is respectfully submitted,

ALEX. CROSBY,

Chief Fire Department.

TABLE OF ALARMS.—Showing date, box, time, location, property, origin and insurance paid.

DATE.	BOX.	TIME.	LOCATION.	PROPERTY.	ORIGIN.	INS. PAID.
January 2.....	35	7 15 P.M.	Pearl street.....	Spear's Block.....	Chimney.....	.....
" 13.....	52	4 00 A.M.	Main street.....	E. Cooney's tenement house.....	Defective stove pipe.....	.....
" 20.....	15	11 05 P.M.	Main street.....	L. Barnes' residence.....	Chimney.....	\$ 1,035 00
" 26.....	46	4 50 "	Pioneer Shops.....	Brink's Foundry.....	Upspring molten iron.....	500 00
March 20.....	32	6 15 "	North avenue.....	Convent barn.....	Unknown.....	.....
" 24.....	53	3 15 "	St. Paul street.....	Jas. Morse's estate, barn.....	Unknown.....	.....
April 11.....	42	5 45 "	Pearl street.....	J. Lee's carriage shop.....	Sparks from chimney.....	20 00
" 15.....	32	9 45 A.M.	Champlain street.....	M. Murphy's house.....	Stove pipe.....	.....
" 19.....	35	12 00 P.M.	Battery Park.....	Band stand.....	Incendiary.....	.....
May 15.....	42	5 10 "	Pearl street.....	J. Lee's carriage shop.....	Sparks from chimney.....	10 00
" 19.....	43	10 10 "	Maple street.....	H. Loomis' tenement house.....	Spontaneous.....	103 98
June 6.....	23	9 15 "	Crombie street.....	U. A. Woodbury's tenement house.....	Overturning of lamp.....	.....
" 26.....	52	1 55 "	Champlain street.....	Burlington M'g. Co.'s barn.....	Unknown.....	.....
September 1.....	43	8 55 "	Church street.....	Exchange Block.....	Explosion of gas.....	.....
" 7.....	52	2 10 "	Battery street.....	Railroad ice house.....	Sparks from Locomotive.....	.....
" 11.....	43	10 00 "	Church street.....	Burlington Clothing Store.....	Electric Light.....	101 50
" 24.....	52	8 10 "	Champlain street.....	A. F. Stone's tenement house.....	Incendiary.....	.....
October 20.....	43	1 45 A.M.	College street.....	Porter M'g. Co.'s shop.....	Spontaneous.....	160 00
" 28.....	43	1 10 "	Winooski avenue.....	C. P. Smith's hay barn.....	Incendiary.....	852 17
November 21.....	46	11 15 P.M.	Lake street.....	Pioneer Shops.....	Unknown.....	38,741 46
December 4.....	35	5 40 "	Battery street.....	J. H. Lindsay's residence.....	Overheated flue.....	7 50
" 24.....	35	12 45 A.M.	Battery street.....	False alarm.....	.....	.....
Total.....						\$42,191 61

COMPANY STATISTICS.

HOOK AND LADDER COMPANY NO. 1.

Foreman, GEO. MURPHY.

1st Assistant, P. H. FITZSIMMONS. 2d Assistant, MICHAEL MOORE.

3d Assistant, PETER MILLER, JR. Clerk, H. L. DALEY.

Treasurer, E. M. SUTTON, Steward, ALECK MILLER.

STANDING COMMITTEE:

PETER MARENGO, JR.

JOHN McAVOY.

WM. DUNN.

MEMBERS:

Archambault, Charles	Foley, John	Miller, Louis
Butler Patrick	Fegay, John	Moore, Michael
Brown, Michael	Fitzsimmons, P. H.	Murphy, George
Cassey, Edward	Guyette, Abram	Martin, Louis
Connolly, Daniel	Goodwin, Thomas	Mitchell, John
Chiotte, Henry	Hanlon, William	McCarty, John
Collins, Matthew	Hastings, John	McAvoy, John
Croto, Joseph	Haden, James	Powers, William
Coutoir, Louis	Hudson, George	Percault, Henry
Cunningham, Michael	Heffron, Martin	Peltier, Joseph.
Denning, William	Kennedy, Samuel	Quinn, John Jr.
Delabac, Moses	Latour, William	Ryan, Richard
Dugan, Richard	Marengo, Peter	Sutton, E. M.
Dunn, William	Miller, Peter Jr.	Shea, John J.
Doxey, Alfred	Miller, Peter Sr.	Sullivan, John J.
Daley, H. L.	Miller, Aleck	Welch, Thomas
Durham, Peter	Miller, Stephen	

CITY PROPERTY IN CHARGE OF HOOK AND LADDER CO.

1 truck, 2 iron bars 2 torches, 2 forks, 6 roof chains, 4 guy ropes. 1 hammer. 1 wrench, 1 iron jack, 4 axes and pouches, 21 rge hooks and 120 feet rope, 150 feet rope, 4 lanterns, 1 65-foot extension ladder, 1 53-foot splice ladder, 1 38-foot ladder, 1 24-foot ladder, 1 20-foot ladder, 2 19-foot ladders, 2 17-foot ladders, 1 15-foot ladder, 6 14-foot roof

ladders, 7 pikes. 10 braces, 2 side lamps, 1 head lamp, 1 coal stove and pipe, 1 whip, 1 set double harness, 1 extra set whiffletrees, in truck room and in good order.

In meeting room, 49 common chairs, 6 arm chairs, 6 nickle spittoons, 13 stone spittoons, 2 brooms, 1 snow shovel, 1 feather duster, 1 looking glass, 70 yards Ingrain carpet, 30 yards hemp matting, etc.

STAR HOSE COMPANY NO. 2.

Foreman, GEORGE E. COWLBECK.

1st Assistant, LOUIS PINE.

2d Assistant, P. T. MEAGHER.

Clerk, THOMAS H. MURPHY.

Treasurer, A. H. DUHAMEL.

Auditor, LOWELL C. GRANT.

MEMBERS:

Allen, George E.	Labrake, E.	Riley, Wm.
Burns, Edward	Labrake, F.	Sequin Louis
Cota, C. H.	Leppe, Louis	Sheridan, J.
Dougherty, F.	McGowen, E.	Spear, H. E.
Dyon, Sol.	McGowen, Wm.	Stannard, J. E.
Hayes, Wm. E.	O'Connell, Jas.	Wright, Geo. E.

CITY PROPERTY IN CHARGE STAR HOSE CO.

1 hose cart, 500 feet linen hose in fair condition, 2 rubber coats in good repair, 2 rubber coats in poor condition, 2 good rubber caps, 2 poor rubber caps, 1 service pipe, 1 small practice pipes, 3 axes, 1 crow-bar, hydrant wrench, 1 monkey wrench, 8 spanners, 6 ladder straps, 2 patent hydrant wrenches (not in use), 1 patent hose patch, 2 oil cans, 3 bracket lamps, 3 settees, 3 arm chairs, 1 broom, 1 dust pan, 1 galvanized iron pail, chain is skin, sponge and 2 torches (patent), 2 whiffletrees, 1 table.

P.S.—We need 400 or 500 feet new hose.

BOXER ENGINE COMPANY NO. 3.

Foreman, F. C. KNOX.

1st Assistant, GEO. MATTHEWS, 2d Assistant, FRED. SHORTSLEEVES.

Clerk, ED. A. BATTISE.

MEMBERS:

Arnold, Henry	Kelley, T. H.	Mulqueen, John
Battise, Ed. A.	Knox, F. C.	Murphy, T. E.
Brothers, Frank	Kane, George	Mercia, Napoleon
Bradley, James E.	Lane, H. S.	Miller, J. G.
Bacon, Eugene	Leonard, J. E.	Mellen, John
Clark, William	Labountey, Joseph	McDollan, John
Dooley, T. E.	Matthews, George	O'Brien, Michael
Daly, William	Matthews, James	Ritchie, Patrick
Dunn, William	Mitchell, Daniel	Rush, L. J.
Dorey, Nelson	Mitchell, Jacob	Shortsleeves, Fred
Flynn, D. E.	Miller, Joseph	Wardlow, J. W.
Frenier, Henry	Miller, John	Winters, William
Hanlin, Peter	Morrison, J. B.	

CITY PROPERTY IN CHARGE OF BOXER ENGINE COMPANY.

1 hand engine, "Hunneman" manufacture, 2 play pipes, 4 fire buckets, 2 axes, 1 crowbar, 2 spanners, with engine; 700 feet new hose, 300 feet old hose, 1 hose cart, 2 play pipes, 1 axe, with cart; 2 rubber coats, 1 rubber cap, 4 ladder straps, 3 hose patches, 18 spanners, 1 monkey wrench, 1 hydrant wrench, 3 lanterns, 1 wood stove and pipe, 1 coal stove and pipe, 1 oil can, 11 settees, 6 chairs, 2 tables, 9 spittoons, 1 coal hod, 1 coal shovel, 1 snow shovel, 1 fire shovel, 1 feather duster, 50 feet garden hose. All in good order.

ETHAN ALLEN ENGINE COMPANY NO. 4.

Captain, J. VAN SICKLEN.

1st Assistant, E. STANLEY HALL. 2d Assistant, F. E. PERKINS.
 Secretary, GEO. E. JOHNSON. Treasurer, H. L. WARD.
 President, J. W. RUSSELL. Vice-President, W. L. BURNAP.
 Auditors, J. E. PECK, B. J. DERBY, W. H. LANE, JR.

MEMBERS:

Adsit, E. S.	Hill, H. R.	Roberts, R.
Atwood, L. A.	Holmes, G. W.	Smith, C. P.
Allen, J. B.	Hilliard, J. S.	Storrs, O. S.
Adams, M. W.	Isham, W. C.	Storrs, C. F.
Bowman, W. F.	Johnson, Geo. E.	Strong, A. G.
Brownell, C. W. Jr.	Johnson, S. E.	Simonds, A. B.
Burnap, W. L.	Johnson, S. M.	Seymour, M. C.
Buruham, C. A.	Kern, Dan Jr.	Trumley, H. J.
Burrill, E. W.	Lamora, John	Tait, F. L.
Berry, M. C.	Lamora, Oliver	Townsend, C. E.
Bellrose, J. G.	Lane, W. H. Jr.	Temple, L. E.
Clark, H. N.	Lord, G. M.	Taft, T. A.
Clark, C. H.	L'Heureux, Geo. H.	Van Buskirk, I.
Clark, E. M.	Manor, E. P.	Van Sicklen, J.
Conant, A. F.	Miller, J. W.	Walker, Solomon
Converse, F. K.	Morrill, M. R.	Walker, Hiram
Derby, B. J.	Murray, Moses	Ward, C. F.
Drew, A. S.	Morse, W. E.	Ward, F. W.
Ferguson, W. F.	Macomber, C. E.	Ward, H. L.
Ferguson, C. H.	Parker, E. C.	Webb, A. S.
Faulkner, W. M.	Pease, Fred S.	Weller, W. E.
Fisher, F. H.	Peck, John E.	Wells, Edward
Gates, A. E.	Percy, A. N.	Wells, F. H.
Griffin, L. J.	Perkins, F. E.	Whitney, C. H.
Hall, W. E.	Powers, C. H.	Williams, J. C.
Hall, E. S.	Reynolds, W. G.	Wetherby, H. L.
Hendee, W. F.	Russell, J. W.	Zottman, W. H.

CITY PROPERTY IN CHARGE OF ETHAN ALLEN ENGINE CO.

1 engine, 1 hose cart in poor condition, 600 feet hose in good condition, 400 feet hose in poor condition, 2 pipes, 14 spanners, 4 ladder straps, 2 pipemen's hats, in poor condition, 2 hydrant wrenches, 2 rubber coats, in poor condition, 1 crow-bar, 1 axe, 2 patches, 2 pipes, 1 extra nozzle, 3 oil cans, 1 duster, 1 pail, 2 brushes, 2 monkey wrenches, 1 stove, 1 oil pump, 12 gallons neats foot oil, 1 indicator.

HOWARD HOSE COMPANY NO. 3.

Foreman, W. C. MURPHY.

1st Assistant, JOSEPH CARLIN. 2d Assistant, ALEX. MORRISON.

Clerk and Treas., THOS. COFFEE. Trustee, M. C. GRATON.

Auditor, A. A. Drew.

MEMBERS:

Black, John	Ganey, J. J.	McGrath, Owen
Carlin, Joseph	Murphy, W. P.	McGrath, Willie
Cos. riff, Hugh	Mangan, Wm.	Phelan, Wm.
Coffee, Thomas	Laprese, C. L.	Harrington, W. E.
Dolan, C. L.	Graton, M. C.	Harrington, Chester
Denning, J. S.	Morrison, Alex.	Stewart, John
Drew, A. A.	Monson, Thomas	

CITY PROPERTY IN CHARGE OF HOWARD HOSE COMPANY.

1 hose cart, 500 feet hose, 400 feet hose, old; 10 spanners, 1 pipe, 1 axe, 1 bar, 2 rubber coats, 1 wrench. 1 hydrant wrench, 6 hose patches, 4 ladder straps, 1 goose neck, 2 water pails, 1 sponge, 3 lanterns, 4 couplings, 1 oil can, two brooms, two stoves and pipe, 1 poker, 1 shaker, 5 pounds waste 1 whiffletree, 1,500 pounds coal.

CLIPPER HOSE COMPANY NO. 6.

Foreman, JOHN W. LOUTHER.

1st Assistant, PETER CAYO.

2d Assistant WILLIAM GARROW.

Clerk, S. SNYDER.

Treasurer, JOHN MURDOCK.

Auditor, GEO. OLMSTEAD.

MEMBERS:

Burnor, Joseph	Lamare, Joseph	Olmstead, Geo.
Bruyor, Frederick	Louthier, John W.	Ploof, Joseph
Cayo, Peter	Mayo, Israel	Porier, Joseph
Croto, Julius	McBeth, James	Snyder, S.
Garrow, William	McBeth, Joseph	
Lamare, Frank	Murdock, John	

CITY PROPERTY IN CHARGE OF CLIPPER HOSE COMPANY.

1 hose carriage, 450 feet linen hose, 1 axe, 1 crow bar, 3 spanners, 3 goose necks, 2 hydrant wrenches, 1 monkey wrench, 1 oil can, 3 ladders, 1 hose pipe, 2 rubber coats, 2 caps, 3 lanterns, 1 table, 5 chairs, 4 settees, 1 stove, 1 wood box, 6 spittoons, 1 water pail, 1 snow shovel, 1 broom, 4 cord wood.

Hose house and implements in good order and condition.

BARNES HOSE COMPANY NO. 7.

Foreman, H. R. THOMAS.

1st Assistant, M. J. CROWLEY. 2d Assistant, A. J. HATHAWAY.

Clerk, G. L. NEAL.

Treasurer, J. FINNERAN.

Trustee, A. S. DREW.

MEMBERS:

Finneran, J.	Hudson, E.	Shanley, J.
Foley, C.	Lynch, E.	Sharpley, F.
Gill, F. E.	McCarty, Wm.	Welch, R.
Hathaway, A. T.	Newton, Wm. Jr.	Waters, J. H.
Henry, J.	Ouimette, L.	Wall, M.
Hudson, Wm. G.	Shepard, R.	Wakefield, J.

CITY PROPERTY IN CHARGE OF BARNES HOSE COMPANY.

1 hose cart, 1 champion cart, 500 feet of linen hose, 300 feet of rubber lined hose, in poor condition, 7 spanners, 2 patches, 1 ladder strap, 1 axe, 1 shovel, 1 broom, 1 coal hod, 3 rubber coats, 1 stove and pipe, 3 chairs, 3 settees, 1 table, 2 play pipes, 1 tournament pipe, 1 Caswell coupling, 1 hydrant wrench, 1 brass shut-off, 1 whiffletree, 3 lanterns, 1 ton of coal, 1 set of runners for cart.

I N D E P E N D E N T .

♦♦♦UNATTACHED TO THE CITY FIRE DEPARTMENT.

—

VOLUNTEER HOSE COMPANY NO. 1.

Foreman, H. R. CONGER.

1st Assistant, JOEL LINSLEY.

2d Assistant, GEO. C. MAYO.

Clerk, J. B. SCULLEY.

Treasurer, F. W. BURRITT.

Auditor, W. W. SCOTT.

MEMBERS:

Burton, D. N.	Henderson, E. F.	Nellis, W. P.
Burritt, F. W.	Henderson, J. B.	Powers, M. W.
Barnes, L. K.	Humphrey, H. C.	Quinn, Wm.
Conger, H. R.	Johnson, M. W.	Quinn, John
Cutler, T. C.	Laduke, G. L.	Riley, J. E.
Conner, C. A.	Leprond, M.	Spicer, M. H.
Coon, H. N.	Linsley, Joel	Scott, W. W.
Dolan, P. F.	Mayo, Geo. C.	Stone, W. L.
Duff, Wm.	Merriam, J. W.	Sculley, J. B.
Foster, C. E.	Murray, Chas. A.	Shortsleeves, N. B.
Francis, G. H.	Murray, Clarence A.	Strong, R. C.
Flanders, G. F.	Murray, F. L.	Taylor, A. J.

PROPERTY.

One-horse hose carriage, one-horse swing harness, 1,450 feet unlined linen hose, spanners, wrenches, six pipes, hose patches, four suits for pipemen, etc. All in good order and ready for use,

REPORT
OF THE
CITY ATTORNEY.

To the City Council of the City of Burlington :

GENTLEMEN :—

I have the honor to submit the following report of the business of this office during the past year:

The case of *Taft, Administrator of Henry Whitney's Estate v. City of Burlington*, Chancery case, referred to in my last report, has been settled, the Administrator paying to the city all taxes claimed by the city, except that a deduction of \$36.13 was made as a compromise, that was reasonable under the circumstances, in view of the uncertainty as to the decision of certain questions that would arise on the trial of the case. I make this statement by and with the advice and approval of the Mayor, and also of the former City Attorney, Mr. Roberts, who was the City Attorney when the suit was commenced.

The other chancery case, *Taft v. The City of Burlington*, referred to in my former report, is still pending. Yet negotiations looking towards a settlement have been had, and I have the promise on the part of Judge Taft, that the suit shall be settled before the next April term of court.

The suit of *K. B. Walker v. The City of Burlington*, referred to in my last report, was tried by jury at the last September term of court, and resulted in a verdict in favor

of the plaintiff, Walker, upon the ground that the city council was illegally constituted at the time the taxes were assessed. The county court having decided that the city council, for the purpose of the assessment of taxes, should not be made up by the Mayor sitting and acting *jointly* with the Board of Aldermen, and voting with them, as has always been the custom for the past ten or twelve years, but that the Board of Aldermen should first act and vote upon the assessment independent of the Mayor, and then their action should be submitted to him for his approval. This question is certainly a doubtful one, and it was considered of sufficient consequence to have settled by the Supreme Court, and the case has been taken to this court upon exceptions, where it will be heard and decided at the coming January term.

I would add, in this connection, that the last Legislature legalized the grand lists of our city for the last three years, so that no further trouble need be apprehended for this reason, in case the Supreme Court should decide that our list was illegal by reason of this alleged irregularity in its assessment.

The case of *Montena v. Brown*, a bastardy case, commanded and controlled by the city, is pending in the County Court, as at the last September Term it was unable to procure the attendance of the complainant herself,—the main witness for the prosecution.

The cases of *State v. Flanagan* and *State v. Wakefield*, in which the city was interested, and which was brought into the County Court, on appeal, by the respondents, were disposed of at the last September term by the payment of small fines and costs in each case.

The case of *State v. Sutton*, also a case in which the city was interested, and which was brought into the County

Court on appeal by the respondent, was disposed of the last September Term by a *nolle pros.*, the case, in my judgment, not being of consequence enough to warrant the expense of a prosecution, and in which, if a trial had been had, in all probability it would have resulted in a verdict of acquittal.

The decision made against the city last February, that all of the "tilting" or "turn-up" seats, numbering over one thousand in all, in our public school buildings, were infringements upon one *Allen's Patent* for such seats owned by John H. Hayward of New York city, I investigated very carefully, and came to the conclusion that such claims could not be established. I so informed Mr. Hayward's Attorney, giving him my reasons at length. He has evidently accepted them as satisfactory, for he has made no further claim since that time.

The other business of the office during the year has been various prosecutions for the violation of city ordinances, and the giving of advice and counsel to the officers of various departments whenever called upon. All of which has been given to the end of avoiding litigation as much as possible, and for what has seemed to me to be for the best interests of the city.

Respectfully submitted,

HENRY BALLARD,

City Attorney.

BURLINGTON, January 1st, 1883.

REPORT

OF THE

CHIEF OF POLICE.

To the Honorable the Mayor and Board of Aldermen :

GENTLEMEN:—

I have the honor to submit for your consideration a report of the business and doings of the Police Department for the year ending December 31, 1882.

There have been, in all, 718 arrests, which may be classified as follows:

For intoxication, (with warrant)	187
For intoxication, (without warrant).....	187
For selling intoxicating liquor	189
For selling intoxicating liquor to habitual drunkard...	4
For furnishing intoxicating liquor.....	1
For keeping intoxicating liquor, with intent to sell....	3
For breach of the peace.	56
For petit larceny	28
For grand larceny	7
For burglary and larceny.....	3
For stealing fruit from gardens.....	5
For stealing from clothes lines.....	6
For obtaining money under false pretence	5
For assaulting and impeding officer	4
For common assault.....	2

For open and gross lewdness.....	10
For keeping house of ill-fame.....	3
For keeping nuisance	1
For prostitution	1
For breaking jail.....	4
For violation of city ordinance.....	8
For violation of Sunday law.	2
For giving false fire alarm.....	1
For vagrancy.....	1

 718

Of the foregoing arrests 607 were males and 111 females ; and their nativity as follows: Irish, 286; French, 281; American, 123; English, 9; German, 3; Swede, 2; Canadian-Indian, 2; Scotch, 1; Belgian, 1. (Colored) Americans, 10. Total, 718.

Of the arrests made there were convicted and committed to the House Correction, 45; to the State's Prison, 5; to the Reform School, 4. Of that number, 35 were males and 19 were females.

Amount of fine and costs imposed and paid to

the County Clerk.....	\$3,494 05
To the City Treasurer.....	502 33

 \$3,996 38

Transient lodgers at the police station during

the year.....	326
During first three months.....	92
During second three months.....	87
During third three months, (summer).....	14
During fourth three months (winter),....	133
Total	—326

The nativity of the foregoing was:—

Irish.....	132
American.....	129
English.....	36
French.....	20
German.....	7
(Colored) Americans,.....	2
Total.. :	326

The expense of the Department has been for the

First quarter of the year.....	\$908 00
Second “ “ “ “.....	818 00
Third “ “ “ “.....	993 00
Fourth “ “ “ “.....	938 00
Total.....	\$3,657 00

The whole number of commissioned police is 67. Of this number 42 are private watchmen at the several mills and manufactories, and without cost to the city; 15 were commissioned for special service, and 10 were of the regular force. Of the last named 4 are night watch (two on alternate nights), one on duty daily at the station; the remainder on duty in the several wards.

There are no prisoners in jail whose board is chargeable to the city.

Upon the request of certain ladies and gentlemen of the city, and by their representation to His Honor, Mayor Hatch, that the policemen were derelict in their duty in the matter of the enforcement of the liquor law, (so called), to use no stronger term respecting their *alleged* disinclination to proceed in such matter, the Mayor appointed some four or six gentlemen that were named to him by the aforesaid

representatives of a more vigorous policy in matters of reform, and the Board of Aldermen promptly confirmed his appointments; but so far as is known, no one of these gentlemen, so appointed, have performed any of the duties pertaining to the office, nor have any arrests been made by them or at their instigation. Therefore, it seems proper to say that to the police force, as originally appointed and confirmed, belongs the credit, if any, for all the criminal arrests the past year, and for intoxication and kindred offenses, which, as will be seen, exceed those of the previous year by one hundred and forty-four. The arrests for intoxication and offenses growing out of the excessive use of liquor being 483 in 1881 and 627 in 1882.

Respectfully submitted,

L. A. DREW,

Chief of Police.

REPORT

OF THE

OVERSEER OF THE POOR.

To the Mayor and Board of Aldermen :

GENTLEMEN:—

The statement of receipts and disbursements of the Poor Department for the year commencing January 1st and ending December 31st, 1882, is as follows:

RECEIPTS.

Cash of City Treasurer,	\$4,448 24
“ from sales from farm and other sources,	117 65
	\$4,565 89

DISBURSEMENTS.

Paid four transient persons,	\$ 8 70
Removal four transient insane persons to Insane Asylum, Brattleboro, Vt.,	93 39
Aid furnished 77 persons and families, outside poor house,	1,558 37
	\$1,660 46

POOR HOUSE.

Poor house expenses,	\$ 884 86
Coal,	119 04
Insurance,	4 15
Repairs,	77 84
John M. Miller's salary,	383 32
	\$1,469 21

Salary, City Physician,	\$200 00	
Vermont Insane Asylum, for care		
City insane for 12 months, per account,	260 00	
Salary of overseer,	500 00	
		\$960 00
Paid Ladies' Aid Society, by resolution of the Board of Aldermen,	60 00	
“ for rebuilding the outbuildings destroyed by fire at poor farm,	356 32	
“ replacing outside windows destroyed by fire,	59 90	
		\$476 22
		\$4,565 89

Wood on hand, \$120 00

We, the undersigned, have examined the accounts and vouchers of Henry Greene, Overseer of the Poor, from January 1st, 1882, to December 31st, 1882, inclusive, and find the same correct.

M. H. STONE,	} Auditors.
C. A. SUMNER,	
GEO. W. BECKWITH,	

INMATES OF THE POOR HOUSE, JANUARY 1, 1883.

NAMES.	AGE.	NATIVITY.	CAUSE.	TIME.
Jack King.	83	Burlington, Vt..	Destitute..	11 years.....
Jane Blinn	44	Georgia, Vt. ...	Insane ...	7 " 9 months....
George Wilson	69	Ireland.....	Destitute..	5 " "
Isabella Cox.....	61	Ireland.....	Destitute..	4 " "
Timothy Noonan	76	Ireland.....	Destitute..	1 " 6 "
Harriet Corning	65	Burlington, Vt.	Insane .....	..... 5 "
Albert Sutherland	73	Milton, Vt.....	Destitute..	1 " "
Julia Clukey.....	94	Canada.....	Destitute..	..... 1 "
Ben. Law.....	74	Burlington, Vt..	Destitute..	..... 1 "
Wm. Pendergrass.....	64	Ireland.....	Sick .....	..... 5 days.....
Emily Brown and five children.	36	Canada.....	Destitute..	..... 1 "

Admitted and discharged during the year..... 16

Died 4

INSANE POOR AT THE ASYLUM---Account to August 1, 1882.

NAMES.		AGE.	NATIVITY.	TIME IN ASYLUM.	EXPENSE.
Oliver Blinn		35	Burlington, Vt..	18 years 11 months.	\$182 00
Francis Metcalf		48	Washington, Vt	9 " 4	182 00
					<u>\$364 00</u>

State aid, O. Blinn..\$52 00

" F. Metcalf..... 52 00

\$260 00

Produce on hand January 1, 1883: Twenty-two tons hay, 50 bushels of oats, 90 bushels of beets, 50 bushels of carrots, 10 bushels of turnips, 100 heads of cabbage, 5 bushels onions, 400 bushels of potatoes, 2 barrels of cider, 1 barrel of vinegar, 1 barrel of flour, 1 barrel salt, 500 pounds of beef, 900 pounds of pork. Live stock on farm: Five cows—3 year-old heifers, 4 shoats. Poultry: Thirty hens, 4 turkeys.

Again I commend to your favorable consideration the Ladies Aid Society, and trust you will remember them in like manner the coming year, for I am fully persuaded the sixty dollars you appropriated to them has been judiciously expended. I am sure the suffering of many, both old and young, has been mitigated by their efforts. A large amount of second-hand clothing has been secured by them, and none but those acquainted with the working of the society can form a correct opinion of the benefit the poor people derive from that source.

The city physician has been untiring in the discharge of his duties.

The perplexing duties at the Poor Farm has been faithfully performed by the persons in charge.

Respectfully submitted,

HENRY GREENE,

Overseer.

REPORT

OF THE

Cemetery Commissioners.

To the Mayor and Board of Aldermen :

GENTLEMEN:—

Herewith is respectfully submitted the report of the Cemetery Commissioners.

Receipts and disbursements (by Eli Pouquette, Commissioner,) from 25th April to 31st December, 1882 :

RECEIPTS.

From opening and filling graves,	\$140 50	
“ Care of Lots,	408 00	
“ fitting lots,	342 40	
“ vault fees,	8 00	
“ sale of old horse, in part,	25 00	
“ sale of lots from 25th of April to 31st December, 1882,	574 61	
“ sale of lot in 1877, for balance,	31 00	
“ City Treasurer,	532 89	
	—————	\$2,062 40

DISBURSEMENTS.

For labor, per time book,	\$410 02	
“ services of Eli Poquette as sexton,	430 00	
“ water rate \$100; fertilizers \$71,	171 00	
“ cement, plumbing and painting on account repairs of fountains,	42 42	
“ Repairs of tools, harnesses, etc., \$6.95; horse shoeing, \$9.47,	16 42	
“ Horse, \$125; provender, \$15.98,	140 98	
“ Stationery, \$1.29; assessment fire insurance company, 64 cents,	1 93	
“ Tools, grass seeds, etc., \$48.76; gravel, \$7.25,	56 01	
“ Repairing fence, etc., Elmwood Avenue Cemetery,	8 84	
“ Repairing and painting cemetery house and barn,	163 90	
“ Amount deposited with the city treasurer on account sale of lots,	605 61	
“ Balance on hand,	15 27	
	<hr/>	\$2,062 40

We, the undersigned, have examined the books and accounts, together with the vouchers for same, of Eli Poquette, Cemetery Commissioner, and find them correct.

M. H. STONE,	} Auditors.
GEO. W. BECKWITH,	
C. A. SUMNER,	

ACCOUNTS DUE LAKE VIEW CEMETERY.

On account sale of lots,	\$67 52	
“ “ care of lots, etc.,	54 50	
	<hr/>	\$122 02

SALE OF LOTS IN LAKE VIEW CEMETERY.

Number of lots sold during 1881,	19
Whole number of lots sold to December 31, 1882,	413
Whole number of lots sold to December 31, 1882,	432
Total amount received for lots sold to	
December 31, 1881,	\$17,850 13
Amount received for lots sold during	
1882,	605 61
Total amount received from sale of	
lots to December 31, 1882,	—————\$18,455 74

INTERMENT RECORD.

Total interments in Lake View Cemetery to December	
31, 1881,	860
Original interments during 1882,	48
Removals from other cemeteries in 1882,	23-71
Total interments in Lake View Cemetery to December	—
31, 1882,	931

During the year 1882, Miss H. Louisa Howard caused a beautiful stone Mortuary Chapel to be erected in Lake View Cemetery, which, being completely finished and furnished, and the grounds pertaining to it having been graded and made in proper condition, (the entire expense having been paid by Miss Howard,) on the 4th November, 1882, said chapel was dedicated to the service for which it was designed, by the Revs. L. G. Ware and W. C. Dawson, and was duly presented by Miss H. Louisa Howard to the City of Burlington, Vermont.

J. A. ARTHUR,	} Cemetery
HILAS ROBY,	
ELI POQUETTE,	

Commissioners.

REPORT OF J. W. RUSSELL,

JUSTICE OF THE PEACE.

Summary of fines and costs in "City" cases brought before me, as Justice, in the year 1882 :

Six cases against seven respondents:—

Breach of peace.....	4
Petit larceny.....	2
Respondents convicted.....	5
Respondents discharged.....	2-7
Fines and costs imposed, collected and paid City	
Treasurer.....	\$37 05
Costs in all above cases for which warrants have issued.....	\$38 30
Excess of costs over receipts.....	1 25

Respectfully submitted,

J. W. RUSSELL.

REPORT OF CITY JUDGE FOR 1882.

Summary of prosecutions before the City Court, the costs of which are payable by the City of Burlington, from January 1st, 1882, to December 31st, 1882, inclusive:

*Sixty-nine cases against eighty-five respondents:—

Breach of peace, chiefly assaults.....	43
Breach of city ordinance.....	10
Petit larceny.....	9
Lewdness.....	3
Violation of Sunday law.....	2
Violation of dog law.....	1
Receiving stolen goods.....	1
Total.....	69
Respondents acquitted or discharged on <i>nolle prosequi</i>	24
Respondents convicted.....	61
Total.....	85

Fines and costs in cases of conviction have been paid into court to the amount of \$398.86. Of this sum \$5 has been paid to the complainant in a case under the dog law, as the statute provides, and the balance, \$393.86, has been paid to the City Treasurer. Fines and costs have been collected and paid to the City Treasurer by officers in cases in which mittimuses were issued to the amount of \$62.86. In three cases appeals were taken and entered in County Court. Four cases stand appealed to the April Term, 1883. The fines and costs imposed in these appealed cases amounts to \$132.22. In one case sentence was suspended, and in one case costs were remitted on payment of the fine. The total amount of costs is \$554.

* A report of the cases in detail, giving name of respondents, is on file in the office of the City Clerk.

REPORT

OF THE

HEALTH OFFICER.

To the Honorable City Council:

GENTLEMEN:—

I herewith present my report of the affairs of this office, for the year 1882, including the vital statistics for the year, and for the last five years; also a table of meteorology, and the city physician's report.

HEALTH OF THE CITY.

The prevalence and fatality of diseases of the zymotic class, is usually considered the best criterion of the sanitary condition of a community. The number of deaths in this class was forty-nine in 1882, being just the average for the last five years, but thirteen more than in 1881, which is wholly attributable to the prevalence of whooping-cough as an epidemic, during the first nine months of the year, and which was the cause of fourteen deaths of children, all under five years of age, while during the year 1881, there was no epidemic of any disease. The only other disease that assumed anything like the proportions of an epidemic, during the year 1882, was mumps, and, this was not fatal in any case. Diphtheria and scarlet fever, the most to be dreaded of all the contagious diseases of children, appeared only in isolated cases, and there were only two deaths of diphtheria, and one of scarlet fever.

VACCINATION.

During the months of December 1881 and January 1882, a free public vaccination was made of the city. The result was that 5857 persons were vaccinated, of whom 1606 had never been previously vaccinated. The discovery of so large a number of persons in this city, unprotected from the contagion of small pox, proved conclusively the need of the adoption of such a measure, for experience has shown that free public vaccination is the only way to secure a general resort to this efficient means of protection, in the absence of compulsory legislation to enforce it. Each of these 1606 persons, scattered throughout our city, was liable, at any time, to become a center for the spread and ravages of a most loathsome and fatal disease, and I believe that the public have a right to demand protection from this, either by compulsory legislation, or by any other efficient means of prevention, as well as from the bite of mad dogs. The especial reason for resorting to free public vaccination at the time mentioned, was, because during the year 1881, small pox had been reported from twenty-four states of the Union, and there had been during that year more than 4000 deaths from it, and it was so prevalent and wide spread, that the National Board of Health officially announced it to be a national epidemic. Besides it had even invaded several towns of our own state. Under these circumstances it seems to me, that a Health Officer would have been derelict in his duty, not to have heeded the warning. Even without such immediate threatening danger, it would be prudent economy, and in the best interests of humanity, to resort to this safeguard to our business prosperity, and to our lives, regularly at intervals of from five to ten years. When the bills for this work were presented to your Honorable Body for approval, the question arose as the authority of the

Health Officer to make the city liable for the payment of them. It was referred to the City Attorney. He gave his opinion in writing, as follows ; and thereupon the bills were ordered to be paid.

“ To the Committee on Health of the Board of Aldermen :

I would respectfully report that I have carefully examined the two reports that were submitted by the majority and minority of said committee respecting the bill of the Health Officer, and the question as to the legal liability of the city to pay the same, and that my views, upon this question, accord, in the main with the views expressed in the majority report, and that I am clearly of the opinion that the city is legally holden to pay said bill.

The City Charter (Sec. 10.) provides, among other things, that “the Health Officer shall have all the power by law invested in selectmen of towns, for the preservation of health,” etc.

It has been *expressly* held by the Supreme Court of this State that the selectmen of a town have the power to make a contract for the vaccination of the entire inhabitants of a town, and that the collection of a tax, assessed to pay the bill for such vaccination, could not be resisted.

The decision of the Supreme Court would of itself settle the question as to the validity of this contract of the Health Officer and as to the liability of the city to pay this bill.

But the City Charter does not stop with simply giving to the Health Officer the same powers as selectmen of towns in such cases.

It further provides that the Health Officer, “shall have power in times of epidemic or threatened existence of general disease of any kind to adopt and enforce summarily such sanitary measures and regulations as he shall deem fit.”

This language, if it means anything, plainly means that in times of a threatened existence of such scourge as the small pox the Health Officer shall have the power to adopt summarily any and all measures that are generally recognized as preventives of this disease; that vaccination is a general and almost universally recognized preventive of small-pox is the common knowledge of all; that there was such threatened visitation of the small-pox in our city is established by the fact stated in the majority report that "the National Board of Health had declared this disease to be epidemic in our country." Hence there was a full justification for a resort to this usual means to prevent the spread of this disease.

The fact that there have been no cases of small-pox in our city, is no argument against the propriety of the action of the Health Officer in procuring this vaccination, for this very action of his may have been the means that prevented it.

If a mistake is to be made in this matter at all, better a hundred fold that it be made in the line of over caution by causing vaccination when it is unnecessary, than through the carelessness of a Health Officer have the small-pox become epidemic in our city through neglect of vaccination.

To the statement in the minority report that the action of the Health Officer was in violation of city ordinance No. 26, approved December 9, 1873, it need only be suggested that a city ordinance that is in conflict, or in any way inconsistent with, any of the provisions of the city charter, is invalid and of no effect.

Construing our charter as the Supreme Court have construed a similar statute, it must be held that such city ordinance so far as it has any application to the duties of the Health Officer, is void and of no effect.

An argument in favor of the construction of the city charter, here contended for, may be drawn from the language made use of in enumerating and defining the powers of the Health Officer as compared with the language used in the same section in enumerating and defining the duties and powers of the Overseer of the Poor, Cemetery Commissioners, City Surveyor and Superintendent of the City Water Works. In the cases of these latter officials they are to exercise their powers and duties in obedience to and subject to the direction and control of the city council; and this is indicated in each case in plain and explicit language; whereas in the case of the Health Officer all such language is omitted. To the statement in the minority report that if this construction of the charter obtains, the Health Officer can at any time "order sewers placed in every street in the city," can "order the water pipes extended half way to Juniper Island," etc., it may be replied that these illustrations at the first suggestion, are seemingly quite plausible, but upon reflection they are simply absurd.

Sewers cannot be placed in every street of our city "summarily." The water pipe cannot be extended half way to Juniper Island "summarily." There is a department in our city government whose specific duty it is to do such work, and if a Health Officer should ever be appointed so visionary or cracked brained as to pass by the proper departments for doing this kind of work and to attempt "summarily" to sewer our entire city, or "summarily" to extend the water pipes to Juniper or Port Kent, the court of chancery would as "summarily" sit down on him and stop him, and the city council would as "summarily" eject him from the office before any great expenditure was made or damage done.

To the idea indirectly suggested in the minority report,

that the Health Officer may have the power to order vaccination, but not the power to fix the price at which it may be done, sufficient is said upon that point in the majority report, and my views accord with those therein expressed.

Power to make a contract implies power to make a binding contract, which in this case implies the power to pledge the credit of the city in payment of the work to be done.

Upon the question as to whether or not the Health Officer made as economical a contract in behalf of the city as he might have done, or drove as sharp a bargain with the physicians employed by him as he might, I express no opinion, as that involves no legal question.

Respectfully submitted,

HENRY BALLARD,

City Attorney."

SEWERS.

The construction of sewers is largely a sanitary measure. During the year 1882, two sewers have been built, one through the Pomeroy lot, so-called, and the other through that portion of Spruce street, between South Union and Willard streets. The first was greatly needed to protect the city from one of the sources of disease, and has been thoroughly and permanently done to accomplish this object. As regards the other, I must say that as long as Champlain and Battery streets, thickly populated for the most part with a class who above all others need the benefit of sewers, are deprived of them, the construction of a sewer upon a street, without a solitary inhabitant, was ill-timed. I am so decidedly in favor of sewerage for our whole city, that I regret exceedingly to make any unfavorable criticism.

 NUISANCES.

The following summary shows the character and number of the nuisances, and sources of disease, for the abatement of which examinations have been made and orders issued, during the year 1882:

Drains, foul.....	14
Cellars, foul.....	1
Rubbish, heaps of	7
Privies, foul	21
Hogs, and hog pens, removal of.....	16
Manure, heaps of.....	9
Street gutters, obstructed.....	2
Sewers, foul.....	2
Dead horses in lake.....	2
Total.....	74

Besides these, many examinations have been made where it was not found necessary to issue an order. For the removal of swine legal measures were resorted to in two instances. Foul privies and foul drainage take the lead as nuisances, and they will continue to, until our system of public sewers is completed.

 BURIAL PERMITS.

Burial and removal permits have been issued from this office, during the year 1882, showing the disposition of the bodies of the dead, as follows:

For burials in the Roman Catholic Cemeteries.....	192
“ “ and entombments in Lake View Cemetery.	65
“ “ in Green Mount Cemetery.....	22
“ “ “ Elmwood Avenue Cemetery.....	18
“ “ “ private grounds.....	5
“ removals from the City.	29
“ “ within the City	12
Total.....	343

REPORTS OF CONTAGIOUS OR INFECTIOUS DISEASES.

The following table shows the disease, season, and number of cases of contagious or infectious diseases, reported to this office, by physicians and others, as required by city ordinance, during the year 1882:

DISEASE.	SEASON.											
	Jan...	Feb...	March...	April...	May...	June...	July...	Aug...	Sept...	Oct...	Nov...	Dec...
Measles.....	1	8	1	...	...	...	...	...	...	...	...	10
Diphtheria.....	...	1	1	1	...	...	7	...	1	...	1	2
Scarlet Fever.....	7	...	1	1	1	...	...	...	...	...	...	10
Typhoid Fever.....	...	2	2	...	...	...	...	...	...	...	2	6
Total....	8	11	5	2	1	...	7	...	1	...	3	2
												40

EXPENSES OF THE HEALTH DEPARTMENT.

The items and amounts of expenditures for the year 1882 are as follows:

For 243 burial permits, issued by the Health Officer.	\$ 60 75
“ 567 certificates of deaths and births.....	141 75
“ postage and stationery.....	11 65
“ dumping signs	2 00
“ inspections.....	13 00
“ printing vital statistics.....	25 00
“ “ monthly reports.....	18 00
“ salary of Health Officer.....	200 00
“ bills for public vaccinations, special.....	1,494 30
Total.....	\$1,966 45

ANALYSIS OF THE VITAL STATISTICS.

During the year 1882 there were ninety-one marriages, three hundred and twenty births, and two hundred and

fifty-four deaths, including twenty-seven still-births. The excess of births over deaths shows an increase in the population of sixty-six by these natural events. As compared with the year 1881 there were four more marriages, thirty-four less births, and twenty-eight more deaths in 1882.

MARRIAGES.

The population by the United States census of 1880 being 11,364, the ratio of persons married during the year, to the whole population, was one in 62.44.

Season.—There were twenty-five (25) marriages in the first quarter of the year; twenty-three (23) in the second; twenty-five (25) in the third, and eighteen (18) in the fourth. The largest number in any one month was thirteen (13) in January; the smallest was three (3) in March, a Lenten month.

Nativity of the parties.—The marriages of parties of American birth constitute about three-fourths of the whole. Of the remainder, seventeen (17) grooms, and eighteen (18) brides, were born in Canada, and the balance, six (6) in Ireland and other countries.

Marriage Ceremony.—Forty-two (42) were married by Protestant clergymen, and forty-nine (49) by Roman Catholic priests.

Color.—Eighty-eight (88) were of white, and three (3) of colored couples.

BIRTHS.

There were three hundred and twenty (320) births during the year 1882, or thirty-four (34) less than in 1881. Births of one (1) colored child; seven (7) illegitimate children; two (2) twin births, and twenty-seven (27) still-births are included in the number. The proportion of live births to the population (11,364), was one in 38.78.

Sex.—The number of male children was one hundred and fifty-one (151), and of female children, one hundred and sixty-nine (169), or eighteen (18) more females than males.

Parentage.—Of the fathers, one hundred and seventy-four (174) were born in the United States; one hundred and two (102) in Canada; twenty-four (24) in Ireland; eleven (11) in other countries; and of seven (7) the birth place was unknown. Fifty-one (51) more mothers than fathers were born in the United States; nineteen (19) *less* in Canada; two (2) more in Ireland; and four (4) *less* in other countries.

Season.—The largest number of children, ninety-two (92), were born in the third quarter of the year; the next largest, eighty-one (81,) in the fourth; the next, seventy-five (75), in the first; and the smallest number, seventy-two (72), in the second quarter.

Locality.—The greatest number of children, one hundred and eight (108), about one-third of the whole, were born in the Third Ward, and the smallest number, twenty-three (23), in the First; sixty-one (61) in the Second; sixty-two (62) in the Fourth; and sixty-six (66) in the Fifth Ward.

Twin-births.—There were two (2) of these cases, or one (1) in one hundred and fifty-nine (159) cases of births.

Age of Mothers.—There were twenty-one (21) children, the largest number born by women whose ages were twenty-two and twenty-eight years respectively. The youngest woman bearing a child was fourteen years of age; the oldest, forty-eight. Fourteen (14) were born by women eighteen years of age and under; and nineteen (19) by women forty years of age and over.

DEATHS.

There were two hundred and fifty-four (254) deaths, including twenty-seven (27) still-births, during the year 1882,

twenty-eight (28) more than in 1881. There were three (3) deaths of colored persons in 1882. The population by census of 1880 being 11,364, the ratio of deaths, excluding still-births, is 19.97 to 1,000 inhabitants, or one death in 50.06 of the population.

Season.—The greatest number of deaths, seventy-one (71,) was in the first quarter, and the smallest, fifty-seven (57) in the last. The greatest monthly mortality was twenty-nine (29) in June, and the least fifteen (15) in April.

Sex.—There were deaths of one hundred and eighteen (118) males, and of one hundred and thirty-six (136) females.

Age.—There were seventy-nine (79) deaths, including twenty-seven (27) still-births, of children under one year of age, or 31.10 per cent of all deaths; thirty-six (36) of children one year and under five years, or 14.17 per cent of all; twenty-two (22) of persons five and under twenty, or 8.66 per cent of all; forty-three (43) of persons twenty and under fifty, or 16.93 per cent of all; thirty (30) of persons fifty and under seventy, or 11.81 per cent. of all; and forty-four (44) of persons seventy and over, or 17.32 per cent of all.

Locality.—In the First Ward, the number of deaths was thirty-two (32); in the Second, thirty-two (32); in the Third, sixty-seven (67); in the Fourth, fifty-six (56); and in the Fifth, sixty-seven (67). In the First Ward, by the difference between the births and deaths, the population was decreased nine (9); in the Second, *increased* twenty-nine (29); in the Third, forty-one (41); in the Fourth, six (6); in the Fifth, decreased one (1).

Social Relations.—One hundred and fifty-four (154) of the deaths, including twenty-seven (27) still-births, were of single persons; sixty-six (66) of married; and thirty-four (34) of widows or widowers.

Nativity.—One hundred and ninety-five (195) of the de-

ceased, including the still-births, were born in the United States; twenty-four (24) in Canada; thirty-two (32) in Ireland; and three (3) in other countries.

CAUSES OF DEATH.

Under the *zymotic* class, or diseases which are either epidemic, endemic or contagious, and which are in a measure preventable by sanitary regulations, forty-nine (49) deaths are recorded, or 19.27 per cent of all deaths. Fourteen (14), the largest number, were of whooping-cough; eight (8) of typhoid fever; seven (7) of cholera infantum; four (4) each of diarrhœa and dysentery, and of syphilis; three (3) of cholera morbus; two (2) each of diphtheria, croup and cerebro-spinal fever; one (1) each of erysipelas, scarlet fever and alcoholism.

Season.—Deaths of whooping-cough occurred in eight months of the year. Deaths of cholera infantum, diarrhœa and dysentery, and of cholera morbus, all, with two exceptions, occurred in June, July, August and September.

Sex.—The deaths under this class were of twenty-one (21) males, and twenty-eight 28 females.

Age.—Sixteen (16) of the deaths were of children under one year of age; seventeen (17) of children one year and under five years of age; five (5) of persons five and under twenty; six (6) of persons twenty and under fifty; three (3) of persons fifty and under seventy; and two (2) of persons seventy and over. Two-thirds of all deaths in this class were of children under five years of age.

Social Relations.—All of the deaths except six (6) were of single persons.

Nativity.—All were born in the United States except three 3.

Under the *constitutional* class, or diseases consequent upon a bad habit of body, sometimes hereditary, and in

which there is a deposit of new morbid products in various parts of the body, fifty-four (54) deaths are recorded, or 21.26 per cent of all deaths. Thirty-five (35) were of consumption; nine (9) of cancer; three of the breast, three of the uterus, two of the stomach, and one of the face; three (3) of hydrocephalus; two (2) of tubercular meningitis; one (1) each of rachitis and tabes mesenterica; and three (3) of dropsy.

Season.—Deaths of consumption occurred in every month of the year, but the greatest number, six, (6) in March.

Sex.—The deaths of consumption were of sixteen (16) males, and nineteen (19) females; and of cancer, of two (2) males, and seven 7 females.

Age.—Twenty (20) of the deaths of consumption were of persons twenty and under fifty years of age. Seven (7) of the deaths of cancer were of persons seventy years and over.

Social Relations.—Of the deaths of consumption, eighteen (18) were of single persons; fifteen (15) of married; and (2) of widowed.

Nativity.—The nativity of the persons who died of consumption was: United States, twenty-four (24); Canada, five (5); and Ireland, six (6).

Under the *local* class, or diseases in which the functions of particular organs or systems are disturbed or obliterated, and sometimes hereditary, seventy-six (76) deaths are recorded, or 29.92 per cent of all deaths. Eighteen (18) were under the order, nervous; eight (8) circulatory; twenty-eight (28) respiratory; eleven (11) digestive; nine (9) urinary; and one (1) each generative and locomotory.

Season.—Deaths in this class occurred at all seasons of the year, without any marked difference in number, except that none of those under the order, respiratory, were in the months of February, August and September, with only one (1) in July.

Sex.—The deaths were of thirty-six (36) males, and forty (40) females.

Age.—Thirty-six (36), or nearly one-half of the deaths in this class, were of persons fifty years of age or over.

Social Relations.—The deaths were of thirty-three (33) single; twenty-seven (27) married; and sixteen (16) widowed persons.

Nativity.—Fifty-three (53) were born in the United States; six (6) in Canada; sixteen (16) in Ireland; and one (1) in some other country.

Under the *developmental* class, or special diseases, the incidental result of the formative, reproductive and nutritive processes, sixty-three (63) deaths are recorded, or 24.83 per cent of all deaths. Twenty-seven (27) of these under the order, children, were still-births; five (5) were cases of congenital debility, or low vitality at birth; four (4) were premature births; two (2) were cases of cyanosis; two (2) of congenital deformity, or imperfect development; and one (1) each of dentition and atelectasis. Under the order, women, there were two (2) deaths of puerperal uræmia. Under the order, old people, there were fifteen (15) deaths of old age. Under the order, nutrition, there were four (4) deaths of inanition.

Season.—There was no marked difference in the number of deaths in this class at the different seasons, except that one-half of the deaths of old age, occurred in July and August.

Sex.—The deaths in this class were of twenty-five (25) males, and thirty eight (38) females.

Age.—All the deaths in this class, except the two (2) under the order, women, were of persons under five years of age, or seventy and over.

Social Relations.—Of the deaths in this class, forty-six

(46) were of single, seven (7) of married; and ten (10) of widowed persons.

Nativity.—Fifty-one (51) of the deceased in this class were born in the United States; five (5) in Canada; and six (6) in Ireland; and one (1) in some other country.

Under the *violence* class, or deaths by accident, negligence, suicide, etc., twelve (12) deaths are recorded, or 4.71 per cent of all deaths. Two (2) each were caused by drowning and fracture of skull; four (4) by burns; and one (1) each by fracture of hip, strangulation, a fall, and crushing between cars. All were under the order, accident.

Season.—The season of the year had no effect as a cause of any of the deaths.

Sex.—The deaths were all of males, except one (1).

Age.—The deaths were of persons of all ages in the divisional periods of life of the table. Six (6), or one-half, were between the ages of twenty and seventy.

Social Relations.—Six (6) of the deaths in this class were of single and six (6) of married persons.

Nativity.—Eight (8) of the deceased in this class, were born in the United States; and three (3) in Canada; and one (1) in Ireland.

Respectfully submitted,

H. H. ATWATER, M. D.,

Health Officer.

REPORT
OF THE
CITY PHYSICIAN.

To Dr. H. H. Atwater, Health Officer:

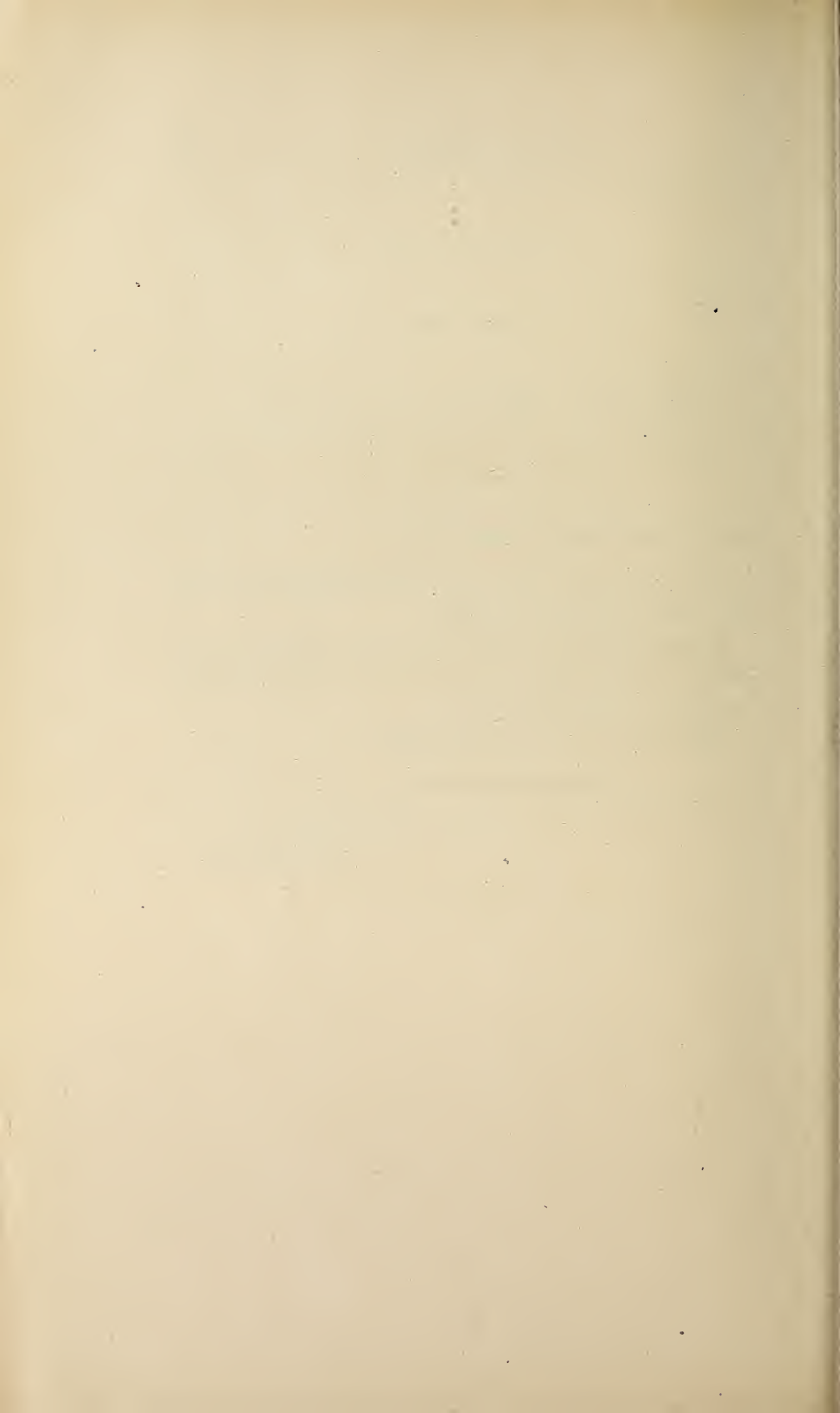
SIR:—I herewith present the following report for the year ending December 31st, 1882:

I have made during the year 479 visits; of these 413 were medical and 66 surgical; 16 were to the poor farm, situated in the town of South Burlington.

I have also attended to 24 office calls.

Respectfully submitted,

JO H. LINSLEY, M. D.,
City Physician.



VITAL STATISTICS
OF THE
CITY OF BURLINGTON,
VERMONT,
FOR THE YEAR 1882.

MARRIAGES.

SEASON, NATIVITY AND CEREMONY.

[illegible]

Table 2.--Births.--Season, Sex, Nativity, Locality of Births, and number of mothers of each age.

SEASON.	SEX.		NATIVITY.						LOCALITY.					AGE OF MOTHERS.							
	OF CHILD		OF FATHER.			OF MOTHER.			OF BIRTH.					No.	No.	Age.					
	Male.	Female.	U. States.	Canada.	Ireland.	Other Countries.	Unknown.	U. States.	Canada.	Ireland.	Other Countries.	Unknown.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.	Total.	No.	Age.	
January.....	13	17	12	13	2	..	2	20	9	..	..	..	..	5	12	9	4	30	..	16	31
February.....	11	10	9	10	1	..	1	15	6	..	..	..	..	4	9	2	4	21	15	15	32
March.....	14	10	17	4	1	2	..	16	5	2	1	..	3	4	10	4	3	24	11	14	33
April.....	11	12	12	10	1	..	..	15	6	1	1	..	1	1	12	5	4	23	12	16	34
May.....	7	16	12	6	4	1	..	16	5	2	..	..	1	4	11	5	2	23	17	12	35
June.....	9	17	17	6	3	..	..	16	5	2	..	..	1	4	11	5	2	23	8	18	36
July.....	23	10	22	7	2	2	..	16	5	5	..	..	2	5	6	4	9	26	7	19	37
August.....	15	15	20	6	2	..	..	17	7	5	2	..	4	7	6	4	6	33	3	20	38
September.....	12	17	13	10	2	1	3	16	7	5	1	..	2	7	9	4	8	30	12	3	39
October.....	16	17	12	16	3	2	..	16	13	3	1	..	4	6	6	7	6	29	21	22	40
November.....	9	15	14	6	2	1	1	15	8	1	..	..	1	11	10	6	5	29	13	24	41
December.....	11	13	14	8	1	1	..	16	6	1	1	..	1	4	7	6	6	24	20	17	42
Total.....	151	169	174	102	24	11	7	202	83	26	7	..	23	61	108	62	66	320	318	..	43

Births of one Colored child, seven illegitimate children, two twin births, and twenty-seven still-births are included in 1892.
Births in 1881—354.

Table 3.--Deaths.--Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.	
	January	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Male.	Female.	Single.	Married.	Wid- owed.		
CLASS I.—ZYMOTIC.																			
ORDER 1.—MIASMATIC.																			
Erysipelas.			1		1						1		2	1	1	1			1
Diphtheria											1				2				2
Croup.															3				3
Whooping-cough.	1		1	2	2	4	2	1	1	1			5	9	14				14
Diarrhœa and Dysentery.			1				1		1				1	3	3	1			4
Cholera Infantum						1	4	2			2		5	3	7				7
Typhoid Fever.		3	2							1	2		3	5	7	1			8
Cerebro-spinal Fever.	1					1		1	1				2	2	2				2
Cholera Morbus.													1	1	1	1			3
Scarlet Fever				1												1			1
ORDER 2.—ENTHETIC.																			
Syphilis.		1				2	1						1	3	4				4
ORDER 3.—DIETIC.																			
Alcoholism							1						1		1				1
CLASS II.—CONSTITUTIONAL.																			
ORDER 1.—DIATHETIC.																			
Dropsy.									2	1			3		1	1	2		3
Cancer.	1	2	1			1	1	1		1	1		2	7	1	4			9
ORDER 2.—TUBERCULAR.																			
Rachitis					1											1			1
Tabes Mesenterica.	1															1			1
Phthisis Pulmonalis.	4	3	6	2	3	4	1	4	2	1	3	2	16	19	18	15			25
Hydrocephalus.	1								1	1			2	1	3				3
Tubercular Meningitis.	1						1						2		2				2

Table 3.--Deaths. Continued.--Age, Nativity, Locality and Percentage from each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.				LOCALITY.					Ratio of deaths from each cause to total.	
	Under 1 Year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		TOTAL.
CLASS I. ZYMOTIC.																	
ORDER 1.—MIASMATIC.																	
Erysipelas.....	1	1	1	1	1	1	1	2	2	2	2	1	1	2	2	2	1
Diphtheria.....	2	6	1	1	1	1	14	2	2	2	2	2	8	2	3	2	2
Group.....	8	1	1	1	1	1	7	4	4	4	1	1	1	2	2	2	4
Whooping-cough.....	1	3	4	1	1	1	8	1	1	1	1	2	3	1	4	2	7
Diarrhea and Dysentery.....	4	1	1	1	1	1	2	1	1	1	1	1	1	1	4	2	8
Cholera Infantum.....	1	1	1	1	1	1	1	2	2	1	1	1	1	1	2	2	3
Typhoid Fever.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Cerebro-spinal Fever.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Cholera Morbus.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
Scarlet Fever.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	2	2
ORDER 2.—ENTHETIC.																	
Syphilis.....	3	1	1	1	1	1	4	1	1	1	1	1	2	1	1	1	4
ORDER 3.—DIETIC.																	
Alcoholism.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
CLASS II.—CONSTITUTIONAL.																	
ORDER 1.—DIATHETIC.																	
Dropsy.....	1	1	1	1	1	1	2	1	1	1	2	1	1	1	1	1	3
Cancer.....	1	1	1	1	1	1	4	4	4	1	1	1	1	2	4	9	9
ORDER 2.—TUBERCULAR.																	
Rachitis.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Tabes Mesenterica.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Phthisis Pulmonalis.....	3	7	20	4	1	1	24	5	6	1	4	4	6	5	16	35	13
Hydrocephalus.....	1	2	1	1	1	1	3	3	1	1	1	1	1	1	1	1	3
Tubercular Meningitis.....	2	2	1	1	1	1	2	2	1	1	1	1	1	1	1	2	2

Table 3.--Deaths. Continued.--Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.	
	January.	Febry.	March.	April.	May.	June.	July.	August.	Septber.	October.	Novber.	Decber.	Male.	Female.	Single.	Married.	Wid- owed.		
CLASS III.—LOCAL.																			
ORDER 1.—NERVOUS.																			
Apoplexy and Paralysis		3				2	1	1				3	5	5	1	5	4	10	
Insanity												1		1			1	1	
Convulsions	1	1	1		2						1		3	2	5			5	
Meningitis		1											2		2			2	
ORDER 2.—CIRCULATORY.																			
Heart Disease				1	2		1	2	1	1			4	4	1	5	2	8	
ORDER 3.—RESPIRATORY.																			
Asphyxia.										1				1	1			1	
Bronchitis.			1		2	2				1	1		1	6	6	1		7	
Pneumonia.	3		2	2	2	1	1			2	2	5	9	9	5	5	4	18	
Congestion of Lungs.			1								1		2		1		1	3	
ORDER 4.—DIGESTIVE.																			
Hepatitis																			
Gastritis			1				1			1			1	2	1		2	1	
Enteritis							1	1			1		2	1	2	1		3	
Gastro-enteritis.							2							2	2			2	
Stricture of Esophagus.												1	1			1		1	
Enterocolitis.	1															1		1	

Table 3.--Deaths. Continued.--Age, Nativity, Locality and Percentage from each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE.						NATIVITY.				LOCALITY.					TOTAL.	Ratio of deaths from each cause to total.
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		
CLASS III.—LOCAL.																	
ORDER 1.—NERVOUS.																	
Apoplexy and Paralysis.....	...	...	1	1	4	4	7	1	2	..	1	1	2	2	4	10	3.93
Insanity.....	...	...	...	...	1	...	1	...	...	...	...	...	...	...	1	1	.39
Convulsions.....	4	1	...	...	...	...	5	...	...	...	...	...	4	...	1	5	1.96
Meningitis.....	...	...	2	...	...	...	2	...	...	...	...	1	...	...	1	2	.79
ORDER 2.—CIRCULATORY.																	
Heart Disease.....	...	...	1	1	2	4	4	...	4	...	1	...	4	2	1	8	3.14
ORDER 3.—RESPIRATORY.																	
Asphyxia.....	1	3	...	...	1	...	1	...	...	...	...	...	...	...	1	1	.39
Bronchitis.....	...	...	...	...	...	...	6	...	1	...	1	...	3	2	1	7	2.75
Pneumonia.....	4	1	2	4	4	3	10	3	5	...	4	2	7	2	3	18	7.08
Congestion of Lungs.....	1	...	...	...	...	1	2	...	...	...	1	...	...	...	1	2	.79
ORDER 4.—DIGESTIVE.																	
Hepatitis.....	...	...	...	...	1	...	...	...	1	...	1	...	...	...	...	1	.39
Gastritis.....	...	1	...	...	2	2	2	...	1	...	1	...	...	2	...	3	1.18
Enteritis.....	2	...	1	...	...	...	3	...	1	...	...	...	2	1	...	3	1.18
Gastro-enteritis.....	...	1	1	...	...	...	2	...	...	...	2	...	...	...	...	2	.79
Stricture of Esophagus.....	...	...	...	...	...	1	1	...	...	...	...	...	1	...	...	1	.39
Enterocolitis.....	1	...	...	...	...	...	1	...	...	...	...	...	1	...	...	1	.39

Table 3.--Deaths. Continued.--Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.	
	January	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Male.	Female.	Single.	Married.	Wid-owed.		
ORDER 5.—URINARY.																			
Cystitis.....	1	1	1			1	1	1				1	3	4	1		6	1	7
Bright's Disease.....	1												1				1		1
Kidney Disease.....																			
ORDER 6.—GENERATIVE.																			
Ovarian Tumor.....						1								1		1			1
ORDER 7.—LOCOMOTORY.																			
Gangrene of Foot.....											1		1			1			1
CLASS IV.—DEVELOPMENTAL.																			
ORDER 1.—CHILDREN.																			
Still-birth.....	3		4	4	1	6	1	1	1	3	1	2	9	18	27				27
Congenital Debility.....	2							1	1				1	4	5				5
Premature Birth.....				2			1		2		1		2	2	4				4
Congenital Deformity.....			1				1						2		2				2
Dentition.....										1			1	1	1				1
Cyanosis.....						1				1			1	1	2				2
Atelectasis.....														1	1				1
ORDER 2.—WOMEN.																			
Puerperal Uremia.....						1	1							2		2			2
ORDER 3.—OLD PEOPLE.																			
Old Age.....		1		1		1	1	5	3		2	1	9	6		5	10		15
ORDER 4.—NUTRITION.																			
Inanition.....	1		1						1			1		4	4				4

Table 3.--Deaths. Continued.--Age, Nativity, Locality and Percentage from each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE						NATIVITY.				LOCALITY.					TOTAL.	Ratio of deaths from each cause to total.
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		
ORDER 5.—URINARY.																	
Cystitis.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1
Bright's Disease.....	.....	.....	.....	1	5	1	4	.....	2	1	3	1	1	1	1	7
Kidney Disease.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	1	.....	.....	.....	1
ORDER 6.—GENERATIVE.																	
Ovarian Tumor.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	1
ORDER 7.—LOCOMOTORY.																	
Gangrene of Foot.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1
CLASS IV.—DEVELOPMENTAL.																	
ORDER 1.—CHILDREN.																	
Still-birth.....	27	.....	.....	.....	.....	.....	27	.....	.....	.....	.....	7	6	10	4	27
Congenital Debility.....	5	.....	.....	.....	.....	.....	5	.....	.....	.....	1	.....	1	2	1	5
Premature Birth.....	4	.....	.....	.....	.....	.....	4	.....	.....	.....	1	.....	3	.....	.....	4
Congenital Deformity.....	2	.....	.....	.....	.....	.....	2	.....	.....	.....	.....	.....	1	1	1	2
Dentition.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	.....	.....	.....	.....	1	1
Cyanosis.....	1	1	.....	.....	.....	.....	2	.....	.....	.....	2	.....	.....	.....	.....	2
Atelectasis.....	1	.....	.....	.....	.....	.....	1	.....	.....	.....	1	.....	.....	.....	.....	1
ORDER 2.—WOMEN.																	
Puerperal Uremia.....	.....	.....	.....	2	.....	.....	1	1	.....	.....	.....	2	.....	.....	.....	2
ORDER 3.—OLD PEOPLE.																	
Old Age.....	.....	.....	.....	.....	.....	15	4	4	6	1	2	2	2	6	3	15
ORDER 4.—NUTRITION.																	
Inanition.....	4	.....	.....	.....	.....	.....	4	.....	.....	.....	.....	.....	2	1	1	4

Table 3.--Deaths. Continued.--Disease, Season, Sex and Social Relations.

CAUSE OF DEATH.	SEASON.												SEX.		SOCIAL RELATIONS.			TOTAL.
	January	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Male.	Female.	Single.	Married.	Wid-owed.	
CLASS V.—VIOLENCE.																		
ORDER I.—ACCIDENT.																		
Fracture of Hip			1						1				2	1	1	1		1
Fracture of Skull										1						2		2
Drowning	1	2			1								2		1	1		4
Burn	1												4		1	2		4
Strangulation			1						1				1		1			1
Fall													1					1
Crushed by cars		1											1		1			1

Table 3.--Deaths. Continued.--Age, Nativity, Locality and Percentage from each Cause.

CAUSE OF DEATH.	DIVISIONAL PERIODS OF LIFE						NATIVITY.				LOCALITY.					TOTAL.	Ratio of deaths from each cause to total.
	Under 1 year.	1 and under 5.	5 and under 20.	20 and under 50.	50 and under 70.	70 years and over.	U. States.	Canada.	Ireland.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.	Ward 5.		
CLASS V.—VIOLENCE.																	
ORDER 1.—ACCIDENT.																	
Fracture of Hip.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Fracture of Skull.....	1	1	1	2	1	1	1	1	1	1	1	1	1	1	1	1	
Drowning.....	1	1	1	1	1	1	3	1	1	1	2	1	1	1	1	1	
Burn.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Strangulation.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Fall.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Crushed by cars.....	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

Deaths of three Colored Persons, are included in 1882. Ratio of deaths, excluding still-births in 1892, to 1000 inhabitants, 19.97, the population by census of 1880 being 11,364. Deaths in 1881: 226.

Statistics of Marriages, Births and Deaths in Burlington for the last five years, 1878 to 1882 inclusive.

TABLE I.--MARRIAGES.

Year	SEASON.												NATIVITY.						CEREMONY.				TOTAL.	
													OF GROOM.			OF BRIDE.								
	January	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber	October.	Nov'ber	Dec'ber	U. States	Canada.	Ireland.	Other Countries.	U. States.	Canada.	Ireland.	Other Countries.	Prot. Cler.	Cath. Pr'st.		Jus. Peace.
1878	6	6	8	5	16	12	7	5	7	11	6	13	74	19	7	2	79	20	2	1	56	45	1	102
1879	10	8	1	7	9	8	5	12	7	15	8	2	71	20	...	1	74	15	2	1	58	34	...	92
1880	12	5	4	11	5	5	4	9	5	15	8	6	66	18	7	2	70	18	5	...	45	48	...	93
1881	3	4	4	4	4	5	10	11	9	8	11	13	65	17	2	3	16	22	3	1	46	39	2	87
1882	13	9	3	4	11	8	7	10	8	6	7	5	68	17	4	2	67	18	6	...	42	49	...	91
Total	44	32	20	31	50	43	34	45	35	58	42	31	344	91	20	10	351	93	18	3	247	215	3	465

NOTE. Marriages of nine Colored couple are included in the above table.

TABLE II.--BIRTHS.

Year.	SEASON.												SEX.		NATIVITY.						LOCALITY.					TOTAL.	
													OF CHILD		OF FATHER.			OF MOTHER.			OF BIRTH.						
	January.	Feb'y.	March.	April.	May.	June.	July.	August.	Sept'ber.	October.	Nov'ber.	Dec'ber.	Male.	Female.	U. States.	Canada.	Other Countries.	Unknown.	U. States.	Canada.	Other Countries.	Ward 1.	Ward 2.	Ward 3.	Ward 4.		Ward 5.
1878	20	12	17	21	20	26	24	27	34	32	35	24	138	154	145	89	48	9	173	77	41	16	52	108	61	54	292
1879	19	17	23	30	26	35	24	36	24	19	32	25	162	148	157	95	48	4	193	76	35	8	54	122	60	66	310
1880	26	29	30	43	29	32	18	23	25	22	15	22	171	143	176	90	45	2	195	88	30	14	51	124	54	71	314
1881	22	25	32	42	27	28	22	34	28	39	26	29	172	182	192	94	47	12	227	87	31	24	67	137	65	61	354
1882	30	21	24	23	23	26	33	30	29	33	24	24	151	169	174	102	35	7	202	83	33	23	61	108	62	66	320
Total.	117	104	126	159	125	147	121	150	140	145	132	124	794	796	844	470	223	34	990	411	170	85	285	600	302	318	1590

NOTE. Births of 13 Colored children. 19 Twin-births, and 88 Still-births are included in the above table.

TABLE III.—DEATHS.—Disease, Sex, Periods of Life, Social Relations, Nativity.

CAUSE OF DEATH.	SEX.		PERIODS OF LIFE.							SOCIAL RELATIONS.			NATIVITY.					TOTAL.	Ratio of deaths from each cause to total causes.
	Male.	Female.	Under 5 years ...	From 5 to 20 years	From 20 to 50 years	From 50 to 70 years.	70 years and over.	Single.	Married.	Widowed.	U. States.	Canada.	Ireland.	Other Countries.					
CLASS I.—ZYMOTIC.																			
ORDER I.—MIASMATIC.																			
Erysipelas.	1	2	2		1			3			3					3	.294		
Diphtheria.	40	29	44	22	3			68	1		64	5				69	6.762		
Group	6	10	14	2				16			15	1				16	1.568		
Whooping-cough.	11	15	26					26			25		1			26	2.548		
Diarrhoea and Dysentery.	8	16	19		1	2		20	4		23		1			24	2.352		
Cholera Infantum.	41	24	65					65			64	1				65	6.370		
Cholera Morbus.	2	2			2	1	1		2	2			3	1		4	.392		
Cerebro-spinal Fever.	4	6	4	4	1	1		8	2		10					10	.980		
Typhoid Fever.	7	9	2	7	3	3	1	11	3	2	15		1			16	1.568		
Scarlet Fever.	4	1	3	2				5			5					5	.490		
Septicæmia.	2		2					2			2					2	.196		
Malignant Pustule.	1				1			1			1					1	.098		
Measles.	1	2	2	1				3			3					3	.294		
ORDER 2.—ENTHETIC.																			
Syphilis.																			
ORDER 3.—DIETIC.																			
Alcoholism.	1				1			1								1	.098		
	2	3	4		1			5			5					5	.490		

CLASS II.—CONSTITUTIONAL.																
ORDER 1.—DIATHETIC.																
Rheumatism.....	1	3	1	1	3	1	1	1	1	2	3	1	1	4	25	.392
Cancer.....	8	17	6	8	11	1	1	1	1	13	11	7	3	18	25	2,450
Dropsy.....	3	2	1	2	1	1	1	1	1	2	2	4	1	5	5	.490
ORDER 2.—TUBERCULAR.																
Tuberc Mesenterica.....	2	5	3	2	2	5	5	5	5	2	...	6	1	7	137	.686
Phthisis Pulmonalis.....	58	79	12	26	79	15	5	59	66	12	89	22	24	2	137	13,426
Hydrocephalus.....	13	5	17	1	...	...	...	18	...	...	...	18	...	18	18	1,764
Tubercular Meningitis.....	3	2	5	...	...	...	...	5	...	...	...	5	...	5	5	.490
Scrofula.....	1	1	1	...	...	...	...	1	...	1	1	1	...	1	1	.098
Rachitis.....	1	1	1	...	...	...	...	1	...	...	...	1	...	1	1	.098
CLASS III.—LOCAL.																
ORDER 1.—NERVOUS.																
Apoplexy and Paralysis.....	18	21	1	2	4	15	17	5	15	19	24	4	9	2	39	3,822
Insanity.....	2	9	...	...	3	2	6	3	5	3	8	2	...	1	11	1,078
Tetanus.....	1	1	...	...	2	...	...	1	1	...	1	...	1	2	2	.196
Convulsions.....	14	10	20	3	1	...	...	22	2	...	23	1	...	24	24	2,352
Brain Disease.....	8	3	3	6	1	1	...	9	1	1	11	...	...	11	11	1,078
Meningitis.....	6	1	1	4	2	...	...	4	3	...	7	...	...	7	7	.686
Chorea.....	1	1	1	...	...	...	...	1	...	1	1	...	...	1	1	.068
Surgical Shock.....	1	...	...	1	...	...	...	1	...	...	1	...	...	1	1	.098
ORDER 2.—CIRCULATORY.																
Thrombus.....	...	1	...	1	...	...	...	1	...	...	...	...	1	1	1	.098
Heart Disease.....	19	27	2	1	9	19	15	8	27	11	30	3	12	1	46	4,508
ORDER 3.—RESPIRATORY.																
Bronchitis.....	10	22	20	1	...	6	5	21	8	3	25	4	2	1	32	3,136
Pneumonia.....	31	31	21	7	10	15	9	33	18	11	39	8	15	...	62	6,076
Congestion of Lungs.....	7	9	9	1	...	2	4	11	1	4	13	...	3	...	16	1,568
Asphyxia.....	2	1	3	...	...	...	...	3	...	...	3	...	...	3	3	.294
Pulmonary Apoplexy.....	1	1	...	...	...	1	1	...	2	...	2	...	...	2	2	.196
Edematous Laryngitis.....	1	1	...	...	...	...	...	1	...	...	1	...	...	1	1	.098
Pulmonary Hemorrhage.....	1	1	...	...	...	...	1	...	...	1	...	...	...	1	1	.098

Table 3.--Deaths. Continued.--Disease, Sex, Periods of Life, Social Relations, Nativity.

CAUSE OF DEATH.	SEX.		PERIODS OF LIFE.							SOCIAL RELATIONS.			NATIVITY.				TOTAL.	Ratio of deaths from each cause to total from all known causes.
	Male.	Female.	Under 5 years.	From 5 to 20 years.	From 20 to 50 years.	From 50 to 70 years.	70 years and over.	Single.	Married.	Widowed.	U. States.	Canada.	Ireland.	Other Countries.				
ORDER 4.—DIGESTIVE.																		
Enteritis	8	6	10	1	1	1	1	10	3	1	10	4	...	...	14	1.372
Peritonitis	2	4	...	2	2	1	1	3	3	...	2	2	2	...	6	.588		
Abscesses .....	...	2	...	...	1	1	...	1	1	...	1	1	...	...	2	.196
Ascites	1	2	1	...	2	...	...	1	2	...	2	1	...	...	3	.294
Liver Disease	3	1	...	2	1	...	...	...	4	...	4	...	...	...	4	.392
Hepatitis	1	...	...	...	...	...	...	...	1	...	...	...	1	...	1	.098
Gastritis	5	3	4	4	...	...	...	4	1	3	6	...	2	...	8	.784
Gastro-enteritis	2	1	1	1	...	...	...	2	1	...	2	...	...	...	2	.196
Enterocolitis .....	...	1	...	...	...	...	...	1	...	...	1	...	...	...	1	.098
Stricture of Esophagus	1	...	...	...	...	...	1	...	1	...	1	...	...	...	1	.098
Cirrhosis of Liver	2	...	...	...	...	2	...	...	2	...	1	1	1	...	2	.196
Ulceration of Stomach .....	...	1	...	...	1	...	...	...	1	...	...	...	...	...	1	.098
Intestinal Hemorrhage .....	...	1	1	...	...	...	...	1	1	...	1	...	...	...	1	.098
Intestinal Obstruction	3	...	...	1	2	...	...	2	1	...	2	1	...	...	3	.294
Strangulated Hernia	1	...	...	...	...	...	1	...	1	...	1	...	...	...	1	.098
Cancerum Oris	1	1	2	...	...	...	...	2	...	...	1	1	...	...	2	.196
Colica Pictorum	1	...	...	...	1	...	...	1	...	...	...	1	...	...	1	.098
ORDER 5.—URINARY.																		
Bright's Disease	7	9	...	1	5	8	2	4	7	5	10	2	3	1	16	1.568		
Diabetes	4	1	1	1	3	1	...	1	4	...	4	1	...	...	5	.490
Cystitis	5	1	1	...	...	3	2	1	3	2	3	...	3	...	6	.588
Kidney Disease	1	...	...	...	...	...	1	...	1	1	...	1	...	...	1	.098
Nephritis	3	1	1	...	2	...	1	1	2	1	3	...	...	1	4	.392
ORDER 6.—GENERATIVE.																		
Ovarian Tumor .....	...	3	...	...	2	1	...	...	3	...	1	2	...	...	3	.294
ORDER 7.—LOCOMOTOR.																		
Gangrene of Foot	1	...	...	...	...	1	...	...	1	...	1	...	...	...	1	.098

ORDER 1.—CHILDREN.

ongenital Debility. . . .

26	31	57	57	57	57	55	2	57	5,580
8	8	16	16	16	16	16	16	16	1,508
2	2	4	4	4	4	4	4	4	392
1	1	1	1	1	1	1	1	1	398
5	5	6	6	6	6	7	7	7	686
2	2	1	1	1	1	1	1	1	398
1	1	5	5	5	5	5	5	5	490
1	1	3	3	3	3	3	3	3	294
4	4	4	4	4	4	1	2	4	392
1	1	1	1	1	1	1	1	1	398
2	2	2	2	2	2	1	1	2	196
1	1	1	1	1	1	1	1	1	398
ORDER 3.—OLD PEOPLE.									
25	26	49	49	49	49	24	11	51	4,998
3	1	3	3	3	3	1	2	4	392
9	12	17	2	2	2	1	1	21	2,058
CLASS V.—VIOLENCE.									
ORDER 1.—ACCIDENT.									
4	4	2	3	3	3	4	1	8	784
8	8	3	4	4	4	4	4	8	784
1	1	1	1	1	1	1	1	1	398
6	3	5	1	2	6	8	1	9	882
1	1	1	1	1	1	1	1	1	398
1	1	1	1	1	1	1	1	1	398
1	1	1	1	1	1	1	1	1	398
1	1	1	1	1	1	1	1	1	398
2	2	1	1	1	1	2	2	2	196

Table III.--Deaths. Continued.--Disease, Sex, Periods of Life, Social Relations, Nativity.

CAUSE OF DEATH.	SEX.		PERIODS OF LIFE.					SOCIAL RELATIONS.			NATIVITY.				Ratio of deaths from each cause to total from all known causes.
	Male.	Female.	Under 5 years.	From 5 to 20 years.	From 20 to 50 years.	From 50 to 70 years.	70 years and over.	Single.	Married.	Widowed.	U. States.	Canada.	Ireland.	Other Countries.	
ORDER 2.--HOMICIDE.															
Stabbing.....	1	.....	.....	1	.....	.....	.....	1	.....	.....	1	.....	.....	.....	.098
ORDER 3.--SUICIDE.															
Gun shot in Head.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	1	.....	.....	.....	.098
Hanging.....	2	1	.....	.....	1	2	.....	.....	3	.....	1	1	.....	1	.294
Laudanum.....	1	.....	.....	.....	.....	1	.....	.....	1	.....	1	1	.....	.....	.098
Cutting Throat.....	1	.....	.....	.....	.....	.....	.....	.....	1	.....	1	.....	.....	.....	.098
Unknown.....	2	1	2	.....	1	.....	1	2	.....	1	3	.....	.....	.....	.....
Total.....	505	517	451	114	174	131	152	622	263	137	795	102	112	13	1032

NOTE. 88 Still-births, of 32 males, and 56 females, are not included in the above table. Deaths of 14 colored persons are included. The average ratio of deaths, excluding still-births, to 1000 inhabitants, is 17.95,—population by United States Census of 1880,—being 11,364, or one death in 53.70 of the population.

METEOROLOGY

AT THE

UNITED STATES SIGNAL SERVICE STATION,

BURLINGTON, VT.

1882.	Mean Barom.	Mean Temp.	Mean Humidity.	Rain and melted snow in inches.
January .....	..30.068..	..19.7..	75.4 per ct	... .04...
February .....	..30.101..	..24.9..	70.6 "	...1 10...
March .....	..30.050..	..29.8..	66.8 "	...2.34...
April .....	..29.977..	..38.7..	63.3 "	...1 23...
May .....	..29.987..	..51.3..	58.2 "	...2.00...
June .....	..29.828..	..64.6..	63.9 "	...3.17...
July .....	..29.936..	..70.5..	66.0 "	...2.37...
August .....	..29.997..	..69.5..	68.3 "	...3.49...
September .....	..30.037..	..60.1..	75.8 "	...5.22...
October .....	..30.088..	..51.9..	71.1 "	...1.21...
November .....	..30.144..	..35.8..	68.5 "	...1.47...
December .....	..30.053..	..23.9..	76.2 "	...1.60...

REPORT
OF THE
Superintendent of Water Works.

COMMITTEE ON WATER DEPARTMENT:

Alderman BRINK, Chairman.

Alderman RICHARDSON.

To the City Council of the City of Burlington:

GENTLEMEN:—

The following is a statement of the receipts and disbursements of the Burlington City Water Works from January 1, 1882, to January 1, 1883:

RECEIPTS.

From G. D. Weller, City Treasurer, January 1,	
to July 15, 1882*.....	\$3,841 60

DISBURSEMENTS.

CONSTRUCTION.

For pay-rolls, for labor on service pipes.....	\$139 14
“ pipe and fittings.....	407 07
Total.....	\$546 21

*F. H. Parker, Superintendent from January 1, to April 25, 1882. Water committee in charge from April 25 to July 15, 1882,

CURRENT.

For pay-rolls, for labor on repairs.....	\$618 92
“ material for management and repairs.....	276 48
“ repairs of washouts on broken mains.....	47 95
“ salary of F. H. Parker, Superintendent.....	315 73
“ cartage and horse keeping, F. H. Parker, Superintendent	91 32
Office expenses, F. H. Parker, Supt.....	20 25
Total.	<u>\$1,370 65</u>

PUMPING.

For pay-rolls, engineer and fireman..	\$ 737 00
“ additions and repairs of machinery.....	492 02
“ fuel.	250 00
“ supplies and incidentals.....	30 64
Total.	<u>\$1,509 66</u>

WATER METERS.

For paid Union Water Meter Co.....	<u>\$415 08</u>
Total disbursements from January 1 to July 15, 1882	<u>\$3,841 60</u>

RECEIPTS.

A. ADSIT, SUPERINTENDENT.

From G. D. Weller, City Treasurer, July 17, 1882, to January 1, 1883.....	\$8,122 99
--	------------

DISBURSEMENTS.

CONSTRUCTION.

Cast-iron pipe, fittings, and freight on same ..	\$1,790 30
Wrought-iron pipe, etc.	255 34
Service pipes and fittings.....	99 56

Water Works—Construction—Disbursements Continued.

Hydrants and machine work for same	459 20
Lead, oakum, etc.	137 81
Gates.	168 10
Tools, and repairs on same	18 61
Filling around hydrants and troughs.	41 08
Water boxes and caps	31 16
Labor, setting hydrants	120 00
Labor, laying mains, services, gates, etc	1,084 28
Total	<u>\$4,205 44</u>

CURRENT.

Pay-rolls for labor.	\$ 219 24
A. Adsit, Superintendent, salary	445 32
Materials for management and repairs.	120 88
Strawing hydrants.	20 00
Printing	11 00
Office expenses.	3 50
Repairing washouts	27 71
Horse keeping and cartage.	90 16
Horse, wagon and harness	144 25
Incidentals.	4 00
Total.	<u>\$1,086 06</u>

PUMPING.

Pay rolls.	\$ 632 00
Fuel.	1,919 23
Addition and repairs to machinery.	58 63
Supplies, oil, packing, etc.	10 39
Incidentals.	20 87
Care of motor, upper service, seven months	87 50
Repairs of motor, " "	26 92
Total.	<u>\$2,755 54</u>

METERS.

Union Water Meter Co., new meters.....	\$ 51 00
Union Water Meter Co., repairs.	11 35
Freight and express.....	3 15
Repairs on meters.*.....	10 45
Total	<u>\$75 95</u>

RECAPITULATION.

Construction	\$4,205 44
Current.....	1,086 06
Pumping.. ..	2,755 54
Meters.. ..	75 95
Total.....	<u>\$8,122 99</u>

RECAPITULATION.

RECEIPTS.

From G. D. Weller, Treasurer, January 1 to July 15, 1882.. ..	\$3,841 60
From G. D. Weller, Treasurer, July 17 to De- cember 31, 1882.	8,122 99
Total.....	<u>\$11,964 59</u>

DISBURSEMENTS.

Construction, January 1 to July 15,		
1882.....	\$	546 21
Construction, July 17 to December		
31, 1882.....	4,205	44
	—————	\$4,751 65
Current, January 1 to July 15, 1882.	\$1,370	65
“ July 18 to December 31, '82.	1,086	06
	—————	\$2,456 71
Pumping, January 1 to July 15, '82.	\$1,509	66
“ July 17 to Dec. 31, 1882..	2,755	54
	—————	\$4,265 20
Water Meters, January 1 to July 15,		
1882.....	\$415	08
Water Meters, July 17 to December		
31, 1882 ..	75	95
	—————	\$ 491 03
		—————
		\$11,964 59

We, the undersigned, have examined the accounts and vouchers of the Superintendent of Water Works and find them correct.

M. H. STONE,	}	Auditors.
GEO. W. BECKWITH,		
C. A. SUMNER,		

WATER PUMPED IN 1882.

	GALLONS.
January.....	16,480,972
February ..	15,658,400
March.....	16,982,027
April.....	14,819,130
May.....	17,491,431
June.....	18,618,477
July.....	21,959,963
August.....	25,836,636
September.....	19,430,331
October.....	19,293,842
November.....	19,798,239
December.....	17,023,197
Total water pumped in 1882... :	223,392,648
“ “ “ “ 1881.....	216,869,535

Increase in 1882..... 6,523,113

The cost of maintaining the works the past year has been as follows:

Coal on hand, Jan. 1, 1882, 400 tons.	\$ 2,000 00
Current expense.....	2,456 71
Pumping.....	4,265 20
Interest on bonded debt.....	14,694 00
Uncollected water rates on hand, Jan.	
1, 1882.....	892 24
	<hr/> \$24,308 15
Collection of water rates, 1882	\$23,542 16
Uncollected water rates.....	1,068 99
Coal on hand, Jan. 1, 1883, 200 tons.	1,000 00
Horse.....	112 50
	<hr/> \$25,723 65
Surplus for 1882.....	\$1,415 50

CONSTRUCTION.

There have been added 46 new services, one of which is connected with service at Lake View Cemetery. Ten new hydrants have been set, and one post hydrant changed from the lumber yard to Shelburne street, at head of Park Avenue.

The positions of hydrants set are as follows:

LOCATION.	KIND OF HYDRANT.
Shelburn street, head of Park Avenue.	Post.
Shelburn street, south of G. N. Willard's.	Lang Post.
North Avenue, near Providence Orphan Asylum. " "	" "
North Avenue, near Dr. Clark's Asylum.	" "
Lake and Main, n. e. corner.	" "
Main and Battery, n. e. corner.	" "
Main and Champlain, n. w. corner.	" "
Pearl and Willard, n. e. corner	" "
Pearl and Winooski Avenue, s. w. corner.	" "
Shelburn Street Junction, Ledge Road.	" "
Adams street, foot of Church street.	" "

The first five are in new positions, the remainder replace underground hydrants.

The present number of public fire hydrants is 128; private, 20.

The post hydrants are giving good satisfaction, and as they are easier of access and less liable to freeze than the underground, I would suggest that the city, as fast as practicable, change the underground to post hydrants.

New mains have been laid on the following streets:

North Willard, north of North street, of 4 inch cast-iron pipe.	400 ft.
Spruce street, from Union easterly, of 4 inch cast-iron pipe.	425 "

Water Works—Construction—Continued.

Shelburn street, from G. N. Willard's to Park Avenue, of 4 inch cast-iron pipe.....	820 "
And of 3 inch cast-iron pipe.....	1,250 "
Lake street, from College to Main up; Main to Battery, connecting with 10 inch main at cor. of Battery and Main, of 6 inch cast-iron pipe...	625 "
Around corner of Battery and Main, of 10 inch cast-iron pipe.....	138 "
North Bend, from North Avenue easterly, of 1½ inch galvanized iron pipe.....	900 "
Total length of new pipe.....	4,558 ft.

The above 6 inch and 10 inch pipe was laid to replace the cement pipe, which was in a very bad condition, and now makes an all iron section, which will be permanent. It seems to be only a question of time when the cement pipe, especially on the lower levels, will have to be rep'aced with cast-iron. I would suggest that the city each year relay a section in some of the worst places, and thus gradually effect the change. The amount expended for construction the last year is larger than for some time past, owing to the quantity of new iron mains laid.

New gates have been set in the following street pipes:

Willard, at North street.....	4 inch gate.
Spruce, at Union.....	4 " "
Main, at Battery.....	10 " "
Shelburn, at G. N. Willard's....	4 " "
Union, at Pearl.....	4 " "

Forty-six new stop boxes and five new gate boxes have been put into the new work.

CURRENT.

The repairs made on mains, service pipes, etc., is as follows: 25 breaks on cement pipes; 3 leaks on the iron mains, caused by the lead packing blowing out of the joints; 1 leak on service pipes. There have been put in 30 new gate boxes to replace old ones, and 214 wooden stop boxes in place of old ones removed. Have dug out and repaired 5 gates in main pipes. Eight hydrant boxes have been replaced with new ones.

PUMPING.

The pumping machinery is in very good repair and working well, though it would be advisable in the near future to put in another and larger pump and boiler to use in case of emergency; and as has been before suggested I would advise that the present coal shed be replaced by one of brick, made fire proof, and placed on the north side of the boilers for convenience in handling coal. If the pumping main was extended out into the lake, even three or four hundred feet farther, we should undoubtedly get better and purer water, especially in the summer months.

METERS.

The number of meters at present in use is 91, an increase of 24 over last year. Of these, 11 are owned by the city and 80 by individuals. All meters put in the last year, except one, have been put in at the expense of and are owned by individuals.

UPPER SERVICE.

The upper service continues to work very satisfactory, requiring but little attention and expense.

I wish to thank the Water Committee for their interest and help in the workings of the Department.

Respectfully submitted,

A. ADSIT, Superintendent.

REPORT
OF THE
CITY TREASURER.

To the City Council of the City of Burlington:

GENTLEMEN:

I herewith present to you the Eighteenth Annual Report of the City Treasurer, from January 1st to December 31st, 1882, inclusive, giving the receipts and expenditures, the sources from which the revenue was derived, and in what manner disbursed, showing the financial condition of the City, December 31st, 1882:

BILLS PAYABLE—BONDS.

Water bonds, 6s, amount issued,	\$255,000
Less redeemed and cancelled,	10,100--\$244,900 00
Improvement bonds, 6s, amount issued,	35,000 00
Refunded bonds, 5s, amount issued,	155,000 00
Total bonded debt,	\$434,900 00

BILLS PAYABLE—LOANS.

RECEIPTS.

From Trustee of U. S. D. Fund,	\$14,234 22
“ Refunding loan,	15,000 00
“ Temporary “	21,500 00
	<u>\$50,734 22</u>

EXPENDITURES.

For paid notes on account of refunded loan,	\$10,000 00
“ “ notes on account of temporary loan,	21,500 00
“ balance to account of 1883,	19,234 22
	<hr/>
	\$50,734 22

BILLS PAYABLE—RATHBORN FUND.

RECEIPTS.

From S. R. Rathborn, for maintainance of his lot in Green Mount Cemetery,	\$150 00
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BILLS RECEIVABLE — CEMETERY FUND
INVESTMENT.

EXPENDITURES.

For paid John Marks, J. W. Henry's notes,	\$250 00
“ “ City of Burlington Water Bond, 6s, '86,	100 00
	<hr/>
	\$350 00

BILLS RECEIVABLE—SINKING FUND
INVESTMENT.

EXPENDITURES.

For the following securities :

City of Burlington Water Bonds, 6s, '86,	\$1,250 00
“ “ “ “ “ 6s, '91,	3,000 00
“ “ “ Improvement bonds 6s, '93,	6,600 00
“ “ “ “ “ 6s, '94,	7,000 00
“ “ “ Refunding bonds 5s, 10-40,	55,000 00
	<hr/>
	\$72,850 00

BILLS RECEIVABLE.

EXPENDITURES.

For paid Burlington and Lamoille Railroad, 1,600 shares of capital stock, \$100 each,	\$160,000 00
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BRIDGES—WILCOOSKI AND HEINEBERG.

RECEIPTS.

From transfer to incidental account, for insurance, \$13 13

EXPENDITURES.

For paid Vermont Mutual Insurance Co., 13 13

BURLINGTON WATER WORKS—CONSTRUCTION.

RECEIPTS.

From late account, January 1, 1882,	\$25,273 98
“ city tax appropriation,	2,500 00
“ “ “ extra appropriation,	1,600 00
“ sales of pipe,	37 48
“ “ “ “ and labor putting in services,	49 19
“ Burlington Gas Light Co., for labor on Spruce street,	58 75
	<u>\$29,519 40</u>

EXPENDITURES.

For amount of late account, January 1, 1882,	\$279,668 74
“ paid F. H. Parker, Supt., to April 25,	124 06
“ “ Water Com. in charge to July 15,	422 15
“ “ A. Adsit, Supt., from July 17 to De- cember 31,	4,205 44
	<u>\$284,420 39</u>

BURLINGTON WATER WORKS—CURRENT.

RECEIPTS.

From Water Works collections, appropriation,	7,000 00
“ overdraft to balance,	1,611 60
	<u>\$8,611 60</u>

EXPENDITURES.

For balance of overdraft, January 1, 1882,	\$1,853 75
“ paid F. H. Parker, Supt. to April 25,	1,416 41
“ “ Water Com. in charge to July 15,	1,463 90
“ “ A. Adsit, Supt. from July 17 to December 31,	3,841 60
“ “ Adsit & Bigelow, coal for office,	29 75
“ “ F. Shortsleeves, furnishing water barrels, etc., firemen's parade,	6 19
	<u>\$8,611 60</u>

BURLINGTON WATER WORKS—COLLECTIONS.

RECEIPTS.

From late account, January 1, 1882,	\$ 680 69
“ Collections of water rates,	22,455 89
“ sales of grass on reservoir lot,	20 00
	<u>\$23,156 58</u>

EXPENDITURES.

For paid Water Works current, appropriation,	\$ 7,000 00
“ “ Ninth National Bank int. on bonds,	14,694 00
“ unexpended balance,	1,462 58
	<u>\$23,156 58</u>

BURLINGTON WATER METERS.

RECEIPTS

From sales of meters,	\$408 45
“ overdraft to balance,	82 58
	<u>\$491 03</u>

EXPENDITURES.

For paid Union Water Meter Co. for meters and repairs,	\$491 03
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CEMETERY COMMISSIONERS.

RECEIPTS.

From P. H. Catlin, Com'r., for balance,	\$ 77 60
“ “ “ “ on sales of lots,	332 36
“ Eli Poquette, “ “ “ “ “	574 61
“ J. A. Arthur, “ “ “ “ “	31 00
“ Interest on Hatch Fund,	6 00
	<u>\$1,021 57</u>

EXPENDITURES.

For balance overdraft, January 1, 1882,	\$ 77 60
“ paid P. H. Catlin, Com'r.,	58 20
“ “ Eli Poquette, Com'r., on receipts of lots,	532 89
“ “ “ “ “ interest,	6 00
“ unexpended balance,	346 88
	<u>\$1,021 57</u>

CEMETERY FUND—LAKE VIEW CEMETERY.

RECEIPTS.

From L. B. Englesby,	\$200 00
“ Eli Chittenden,	50 00
“ Hatch and Bennett,	100 00
	<u>\$350 00</u>

CITY TAX, 1879.

RECEIPTS.

From collections,	\$ 56 15
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EXPENDITURES.

For amount transferred to City Tax of 1882,	\$56 15
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CITY TAX, 1880.

RECEIPTS.

From Collections,	\$308 31
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EXPENDITURES.

For amount transferred to City Tax of 1882,	\$308 31
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CITY TAX, 1881.

RECEIPTS.

From collections,	\$4,500 60
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EXPENDITURES.

For amount transferred to City Tax of 1882,	\$4,500 60
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CITY TAX, 1882.

RECEIPTS.

From collections for 1882,	\$60,116 10
“ transfers for 1879-80-81,	4,865 06
“ overdraft to balance,	1,388 25
	<u>\$66,369 41</u>

EXPENDITURES.

For appropriation to School Department for overdraft,	\$ 1,202 92
For appropriation to School Depart., for 1882,	18,230 98
“ “ “ interest on refunded bonds,	8,000 00
“ “ “ “ “ improvement “	2,100 00
“ “ “ Pauper Department,	4,500 00
“ “ “ Fletcher Free Library,	2,800 00
“ “ “ Fletcher Free Library for overdraft in 1881,	335 36
“ “ “ Fire Department, for current and alarm,	4,500 00

City Tax 1882—Expenditures—Continued.

For appropriation to repairs of buildings,	\$600 00
“ “ “ Parks—City, Battery and College,	600 00
“ “ “ Street Light Department,	4,000 00
“ “ “ Public buildings, for over- draft in 1881,	667 33
“ “ “ Health Department,	2,100 00
“ “ “ Water Works construction,	4,100 00
“ “ “ Street Dept., for opening new streets,	2,100 00
“ “ “ interest on U. S. Deposit Fund, to schools,	1,372 94
“ “ “ interest on U. S. Deposit Fund, to So. Burlington,	23 27
“ “ “ Criminal Department, for overdraft in 1881,	625 33
“ “ “ Criminal Department to equal \$4,500, there having been received in fees, \$502.33,	3,997 67
“ “ “ interest account,	259 11
“ “ “ Public buildings, to equal \$1,200, there having been received in rents, \$745.50,	254 50
“ “ “ Incidental Department,	4,000 00
	<u>\$66,369 41</u>

CRIMINAL DEPARTMENT.

RECEIPTS.

From appropriation for overdraft in 1881,	\$625 33
“ “ to equal \$4,500, there having been received in fees,	
“ \$502.33,	3,997 67
“ S. Haselton, City Judge, fines and costs,	393 86
“ H. S. Peck, Justice, “ “ “	8 54
“ J. W. Russell, Justice, “ “ “	37 05
“ L. A. Drew, sheriff, mittimusess,	56 87
“ M. C. Graton, policeman, “	6 01
“ overdraft to balance,	554 50
	<u>\$5,679 83</u>

EXPENDITURES.

For balance overdraft in 1881,	\$625 23
“ paid S. Haselton, Judge, costs in city court,	554 00
“ “ J. W. Russell, Justice, “ “	43 39
“ “ L. A. Drew, Chief of Police,	3,961 33
* “ “ “ Jailer, boarding prisoners,	105 13
“ “ Vermont Reform School, maintenance of inmates,	220 32
“ “ Burlington Gas Light Co.,	76 08
“ “ “ Water Works,	20 00
“ “ Adsit & Bigelow, coal bill,	59 50
“ “ M. Thompson, printing for police office,	14 75
	<u>\$5,679 83</u>

* This item is for the board of persons in jail, otherwise than on criminal process,

DOG DEPARTMENT.

RECEIPTS.

From W. H. Root, City Clerk, for licenses,	\$183 70
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EXPENDITURES.

For paid F. Shortsleeves for killing 10 dogs,	\$10 00
“ transfer to incidental department,	173 70
	<hr/> \$183 70

FIRE DEPARTMENT.

RECEIPTS.

From balance of account, January 1, 1882,	\$ 209 42
“ appropriation for current and alarm,	4,500 00
“ “ “ repairs of buildings,	600 00
	<hr/> \$5,309 42

EXPENDITURES.

For paid A. S. Drew, chief engineer, 1 qr. sal'y.,	\$ 25 00
“ “ Alex. Crosby, “ “ 3 “ “	75 00
“ “ Boxer Engine Co., current expenses,	175 58
“ “ Ethan Allen Engine Co. “ “	187 38
“ “ Hook and Ladder Co., “ “	150 26
“ “ Howard Hose Co., “ “	53 70
“ “ Barnes Hose Co., “ “	98 11
“ “ Star Hose Co., “ “	89 12
“ “ Clipper Hose Co., “ “	41 25
“ “ Star Hose Co., to G. S. Blodgett & Co., for stove,	15 61
“ “ F. W. Burritt, hall rent to E. A. E. Co.,	135 00
“ “ E. Woods, “ “ “ Star Hose,	100 00
“ “ A. & F. Johonnett, one barrel oil,	54 45
“ “ S. Eastman & Co., 1 hose pipe for Clipper Hose Co.,	10 00

Fire Department—Expenditures—Continued.

For paid Sherman Band, annual parade,	50 00
“ “ City “ “ “	35 00
“ “ C. C. Allen & Son, furniture for Hook and Ladder Co.,	41 00
“ “ G. I. Hagar, cuspadores for Hook and Ladder Co.,	6 65
“ “ H. S. Lane, repairing hose for Boxer and E. A. E. Companies,	15 50
“ “ W. H. Lane & Son, horses for annual parade,	10 50
“ “ Free Press, for printing,	6 50
“ “ Burlington Gas Light Co.,	24 00
“ “ F. Vincent, cartage hose from Pioneer Shops,	1 75
“ “ A. S. Drew, express on hose pipe,	75
“ “ Adsit & Bigelow, for coal,	148 75
“ “ Burlington Water Works,	1,200 00
“ “ A. P. Lowell, repairing hose houses,	186 50
“ “ U. Case, painting “ “	15 00
“ “ J. W. Madigan, sundries,	1 65
“ “ Amount transferred from Fire Alarm Telegraph,	841 47
“ “ B. S. Nichols & Co., for waste,	6 49
“ unexpended balance,	1,507 45
	<u>\$5,309 42</u>

FIRE ALARM TELEGRAPH.

RECEIPTS.

From transfer to Fire Department,	\$841 47
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EXPENDITURES.

For paid M. G. Crane & Co., 5 alarm boxes,	\$500 00
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Fire Alarm Telegraph—Continued.

For paid M. G. Crane & Co., indicator to Volun-		
teer Hose Co.,	135	77
“ “ Abial Pevy, battery zinc,	30	95
“ “ Burlington District Telephone Co.,		
blue vitriol,	30	11
“ “ W. S. Vincent, blue vitriol,	24	82
“ “ A. Adsit, care of alarm,	102	75
“ “ E. Charbonneau, care of alarm,	6	50
“ “ E. Rogers, for sundries,	5	70
“ “ Central Vermont Railroad, freight,	1	87
“ “ H. Crooker, repairing chimney dam-		
aged by telephone wire,	3	00
	<hr/>	
	\$841	47

FLETCHER FREE LIBRARY.

RECEIPTS.

From appropriation for overdraft in 1881,	335	36
“ “ “ current expenses,	2,800	00
	<hr/>	
	\$3,135	36

EXPENDITURES.

For amount of late account, January 1, 1882,	\$	335	36
“ paid T. P. W. Rogers, librarian, salary,		999	97
“ “ Lizzie R. Moore, assistant, salary,		479	99
“ “ W. H. Stone and others, “		139	50
“ “ W. Scott, binding,		194	62
“ “ Free Press Association, printing,		118	84
“ “ M. Thompson, printing,		51	80
“ “ Adsit & Bigelow, coal,		86	60
“ “ E. Lyman, “		3	55
“ “ T. S. Peck, agent, insurance,		52	00
“ “ Whitcomb & Fuller, “		30	00
“ “ S. Huntington & Co., stationery,		50	34

Fletcher Free Library—Continued.

For paid Burlington District Telephone,	11 66
“ “ J. Wakefield, three awnings,	30 15
“ “ Plumbing and gas fitting,	10 07
“ “ Incidental expenses,	104 37
“ “ Burlington Gas Light Co.,	67 50
“ “ Burlington Water Department,	10 00
“ “ Janitor and cleaning,	59 75
“ “ T. P. W. Rogers, expenses to Boston,	30 00
	<hr/>
	\$2,866 07
“ Unexpended balance,	269 29
	<hr/>
	\$3,135 36

HEALTH DEPARTMENT.

RECEIPTS.

From appropriation,	\$2,100 00
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EXPENDITURES.

For paid overdraft, January 1, 1882,	\$ 1 40
“ “ H. H. Atwater, Health Officer, salary,	200 00
“ “ “ “ “ “ registration fees,	118 75
“ “ H. H. Atwater, Health Officer, vaccinations,	1,494 30
“ “ H. H. Atwater, Health Officer, incidental expenses,	69 65
“ “ H. H. Atwater, Health Officer, births and deaths,	65 75
“ “ H. H. Atwater, Health Officer, inspection of bodies drowned,	6 00
“ “ Free Press Association, printing,	14 40
“ “ Mark Thompson, “	5 50
“ “ C. S. Kinsley, “	1 00
“ Unexpended balance,	123 25
	<hr/>
	\$2,100 00

IMPROVEMENT OF STREETS AND SEWERS.

EXPENDITURES.

For balance, January 1, 1882,	\$35,000 00
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INCIDENTAL DEPARTMENT.

RECEIPTS.

From unexpended balance, January 1, 1882,	\$618 13
" A. D. Rood, for land from west end of poor farm for extension of Queen City Park,	300 00
" License Department,	903 27
" Dog "	173 70
" Appropriation,	4,000 00
	<hr/>
	\$5,995 10
" Overdraft to balance,	49 03
	<hr/>
	\$6,044 13

EXPENDITURES.

For paid H. Ballard, City Attorney, fees,	\$ 306 61
" " L. L. Lawrence, attorney, fees,	100 00
" " Henry Greene, assessor,	126 06
" " S. M. Pope, "	180 00
" " B. S. Nichols, "	50 00
" " C. E. Allen, "	324 00
" " H. S. Peck, "	201 00
" " Smith and Weller, clerical services for assessors,	68 00
" " S. A. Drew, Auditor,	25 00
" " M. H. Stone, "	20 00
" " A. B. Lowry, "	12 00
" " H. Walker, " 1881-2,	12 50

Incidental Department—Expenditures—Continued.

For paid W. Scott, ruling, binding, etc.,	193 60
" " S. Huntington, stationery,	69 68
" " Free Press Association, printing reports,	347 80
" " " " " " school reports,	20 25
" " Free Press Association, printing health report,	16 88
" " Free Press Association, printing library report,	10 72
" " Free Press Association, advt. ordinance,	35 40
" " " " " " printing and advertising,	135 30
" " R. S. Styles, printing,	81 90
" " C. S. Kinsley, printing and advt.,	25 05
" " Mark Thompson, printing,	81 00
" " W. H. Root, clerk, state rate bill, registration records, etc.,	143 50
" " W. H. Root, clerk, rate bill for city and other taxes, and office expenses,	107 00
" " W. H. Root, clerk, janitor and office expenses,	10 45
" " L. J. Smith, costs in advt. delinquent taxes and serving citation papers,	10 20
" " O. C. Stacy, livery bill for city council,	28 00
" " W. H. Lane, livery bill for city council,	2 00
" " N. B. Flanagan, notifying aldermen,	2 50
" " Ellen C. Vilas, room rent for elections,	8 00
" " Bowman, Woodbury & Clark, room rent for elections,	10 00
" " J. Finneran, cleaning hose room in Ward 3,	5 00

Incidental Department—Expenditures—Continued.

For paid	E. H. Payn, locks for ballot boxes,	2 25
“ “	A. Town, cost in suit, Reynolds vs. City,	4 00
“ “	Burlington District Telephone to January 1, 1883,	33 83
“ “	Ward Clerks, March and September elections,	30 00
“ “	Blodgett & Co., repairing stove for treasurer,	2 25
“ “	H. H. Davis, stationery for treasurer,	2 27
“ “	City Treasurer, office expenses,	59 55
“ “	Vermont Mutual Insurance Co., on bridges,	13 13
“ “	Jo. D. Hatch, Mayor, salary,	300 00
“ “	W. H. Root, clerk, “	800 00
“ “	G. D. Weller, treasurer and clerk hire,	1,300 00
“ “	Profit and loss on Liquor Agency,	358 76
“ “	Burlington Water Works, water for 10 troughs,	250 00
“ “	A. McGaffey, license numbers, for carriages,	18 75
“ “	E. N. Peck, Quartermaster Decoration Day,	100 00
		<u>\$6,044 13</u>

INTEREST ACCOUNT—WATER BONDS.

RECEIPTS.

From collection of water rates,	\$14,694 00
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EXPENDITURES.

For paid Ninth National Bank,	\$14,694 00
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INTEREST ACCOUNT—IMPROVEMENT BONDS.

RECEIPTS.

From appropriation,	\$2,100 00
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EXPENDITURES.

For paid Ninth National Bank,	\$2,100 00
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INTEREST ACCOUNT—REFUNDED BONDS.

RECEIPTS.

From unexpended balance, January 1, 1882,	\$4,000 00
“ appropriation,	8,000 00
	<u>\$12,000 00</u>

EXPENDITURES.

For paid Ninth National Bank,	\$9,500 00
“ unexpended balance,	2,500 00
	<u>\$12,000 00</u>

INTEREST ACCOUNT—TEMPORARY LOAN.

RECEIPTS.

From appropriation,	\$259 11
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EXPENDITURES.

For paid interest on temporary loans,	259 11
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INTEREST ACCOUNT—U. S. D. FUND.

RECEIPTS.

From appropriation,	\$1,396 21
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EXPENDITURES.

For paid School Department,	\$1,372 94
“ “ So. Burlington,	23 27
	<u>\$1,396 21</u>

 INTEREST ACCOUNT—SINKING FUND.

RECEIPTS

From Sinking Fund, accrued interest,	\$417 76
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INTEREST ACCOUNT—LAKE VIEW CEMETERY.

RECEIPTS.

From J. W. Henry, interest on loan,	\$16 20
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EXPENDITURES.

For paid P. H. Catlin, Cem. Com.,	16 20
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LAND, DAMAGE AND ASSESSMENTS.

RECEIPTS.

From unexpended balance in 1881,	\$125 95
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EXPENDITURES.

For amount transferred to sidewalk improvements,	125 95
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LICENSE DEPARTMENT.

RECEIPTS.

From Hotel Licenses,	\$ 86 25
" Restaurant Licenses,	152 12
" Billiard Tables "	45 00
" Auctioneers and transient venders,	87 00
" Market Licenses,	316 25
" From Barnum's Great Show,	50 00
" Carriage Licenses,	130 00
" Nathan's Circus,	50 00
	<hr/> \$916 62

EXPENDITURES.

For paid A. McGaffey, carriage numbers,	13 35
" transfer to Incidental Department.	903 27
	<hr/> \$916 62

LIQUOR AGENCY—J. MITCHELL, Agent.

RECEIPTS.

From transfer of invoice of Liquors to S. Sheldon, Agent.	302 31
“ transfer to S. Sheldon, Agt., for coal, water, &c.,	36 05
“ transfer to incidental acc't, profit and loss,	358 76
	<u>\$697 12</u>

EXPENDITURES.

For invoice Liquors, January 1, 1882,	361 07
“ paid Adsit & Bigelow, for coal,	23 80
“ “ C. P. Frissell, insurance,	2 25
“ “ Burlington Water Works,	10 00
“ “ City Hall, for rent,	200 00
“ “ James Mitchell, care of Agency,	100 00
	<u>\$697 12</u>

LIQUOR AGENCY—S. SHELDON, Agent.

RECEIPTS.

From S. Sheldon, Agent, on account sales,	119 00
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EXPENDITURES.

For amount of invoice Liquors on hand,	302 31
“ “ coal, &c., from Agency,	36 05
	<u>\$338 36</u>

MINISTERIAL FUND.

RECEIPTS.

From collections of rents,	\$49 88
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EXPENDITURES.

For paid E. Barlow, Treas. 1st Cong. Society,	24 94
“ “ J. W. Russell, Treas. 1st Cal. Cong. Soc'y,	24 94
	<u>\$49 88</u>

PARKS—CITY, BATTERY, and COLLEGE.

RECEIPTS.

From unexpended balance January 1, 1882,	12 85
“ appropriation,	600 00
	<hr/> \$612 85

EXPENDITURES.

For paid Street Department, for gravel,	246 26
“ Burlington Water Works, water for three fountains,	75 ..
“ V. G. Barbour, for College Park,	100 ..
“ J. A. Larose, care of City and Bat. Park,	100 ..
“ J. Wardlow, repairs fence, &c.,	16 ..
“ P. Cronan, cutting brush,	8 50
“ H. G. Chase, repairing mower,	5 ..
“ Street Department, covering fountain,	1 17
“ J. Lowry, painting signs,	3 ..
“ G. I. Hagar, oil, &c.,	1 50
“ T. A. Wheelock, one sprinkler,	1 ..
“ C. P. Morse, repairing fountains,	12 61
“ A. Deforge, two elm trees,	2 ..
“ A. Sager, repairing wheelbarrow,	1 ..
“ A. G. Pierce, tools and fertilizer,	10 15
	<hr/> 583 19
For unexpended balance,	29 66
	<hr/> \$612 82

PAUPER DEPARTMENT.

RECEIPTS.

From unexpended balance January 1, 1882,	178 43
" appropriation,	4,500 ..
" T. S. Peck, Agt., insurance on shed,	212 ..
	<u>\$4,890 43</u>

EXPENDITURES.

For paid H. Greene, Overseer of Poor,	4,448 24
" unexpended balance,	442 19
	<u>\$4,890 43</u>

PUBLIC BUILDINGS.

RECEIPTS.

From appropriation, overdraft in 1881,	667 33
" " to equal \$1,200, there having been received for rents \$945.50	254 50
" W. H. Root, Janitor, rent of City Hall,	75 50
" " " " Lalime,	470 ..
" Adsit & Bigelow, office rent in 1881,	100 ..
" Ferguson Manf'g Co., rent of City Market,	100 ..
" Liquor Agency, rent,	200 ..
	<u>\$1,867 33</u>

EXPENDITURES—CITY HALL.

For overdraft, January 1, 1882,	667 33
" paid Burlington Gas Light Company,	276 60
" " W. H. Root, Janitor,	360 ..
" " W. H. Root, for Tibbetts,	30 ..
" " W. H. Root, current expenses,	18 61
" " A. G. Lucas, glazing,	2 95
" " H. W. Smith & Son, two snow shovels,	2 ..
" " C. C. Allen & Son, framing picture of Garfield,	5 02

Public Buildings—Expenditures—Continued.

For paid S. & M. Lumber, Co., flooring in po-	
lice office,	27 00
" " J. R. Booth, lumber in police office,	9 55
" " A. P. Lowell, laying floor in police	
office,	52 04
" " A. G. Strong, hardware in police office,	3 83
" " Johnson Bros., wall paper in police	
office,	3 18
" " Case & Erno, painting in police office,	2 85
" " Adsit & Bigelow, bill of coal,	178 50
" " Burlington Water Works,	40 00
" " Drew & Conger, for ice,	26 57
	<hr/>
	\$1,706 03

EXPENDITURES—CITY MARKET.

For paid Vermont Mutual Insurance Co.,	23 38
" " H. J. E. Bailey, repairs,	10 67

EXPENDITURES—LIBRARY BUILDING.

For paid Vermont Mutual Insurance Co.,	1 50
	<hr/>
	\$1,741 58
" Unexpended balance,	125 75
	<hr/>
	\$1,867 33

SCHOOL DEPARTMENT.

RECEIPTS.

From city tax appropriation for overdraft in 1881,	\$1,202 92
" " " " " schools,	18,230 98
" interest on U. S. D. Fund,	1,372 94
" " " City Bonds, 6s,	84 00
" rents on lease lands,	156 38

School Department—Continued.

From H. O. Wheeler, Superintendent, tuition bills,	662 60
" Rev. Thos. Lynch, for school furniture in 1876,	119 25
" Warrants drawn by finance committee for loans,	9,600 00
	<u>\$31,429 07</u>

EXPENDITURES.

For overdraft, January 1, 1882,	\$ 1,202 92
" paid finance committee, warrants for pay-rolls,	16,482 26
" " finance committee, warrants for incidentals,	1,933 18
" " finance committee, warrants for superintendent's salary,	800 00
" " finance committee warrants for loans,	9,600 00
" " " " " " interest,	232 52
" " " " " " coal,	1,011 50
	<u>\$31,262 38</u>
" Unexpended balance,	166 69
	<u>\$31,429 07</u>

SEWER DEPARTMENT.

RECEIPTS.

From unexpended balance, January 1, 1882,	\$3,041 73
" S. W. Payn's estate, on George street sewer,	68 67
" E. W. & H. C. Peck, on Spruce street sewer,	436 50
" overdraft to balance,	3,002 94
	<u>\$6,549 84</u>

Sewer Department—Continued.

EXPENDITURES.

For paid Geo. E. Waring, examination of sewer plan,	\$ 106 50
“ “ A. R. Dow, Supt., construction of Ravine sewer,	4,065 45
“ “ A. R. Dow, Supt., construction of Spruce street sewer,	2,063 05
“ “ A. R. Dow, Supt., repairs of College street sewer,	30 69
“ “ A. R. Dow, Supt., general repairs of sewers,	256 13
“ “ A. R. Dow, Supt., cleaning sewers,	28 02
	<hr/> \$6,549 84

SIDEWALK AND STREET IMPROVEMENTS.

RECEIPTS.

From collections for assessments on St. Paul st.,	\$195 84
“ “ “ “ “ No. Union st.,	75 89
“ transfer from land damages and assessments,	125 95
	<hr/> \$397 68

EXPENDITURES.

For overdraft, January 1, 1882,	\$390 36
“ unexpended balance,	7 32
	<hr/> \$397 68

SINKING FUND.

RECEIPTS.

From amount of receipts to January 1, 1882,	\$92,613 48
“ interest account, water improvement and refunding bonds,	6,196 00
“ Tax collections for 1879, '80, '81, '82,	3,988 28
“ Bills receivable — Sinking Fund investment,	72,850 00
	<hr/> \$175,647 76

Sinking Fund—Continued.

EXPENDITURES.

For amount of expenditures to January 1, 1882,	\$ 92,380 00
“ paid City of Burlington, refunding bonds,	10,000 00
“ “ interest account—Sinking Fund,	417 76
“ balance to account of 1883,	<u>72,850 00</u>
	\$175,647 76

STREET DEPARTMENT.

RECEIPTS.

From unexpended balance, January 1, 1882,	\$ 1,117 57
“ appropriation for opening Park Ave.,	2,100 00
“ collections of highway tax, 1882,	14,932 25
“ “ “ “ “ 1879, '80, '81,	244 24
“ A. R. Dow, Supt., for coal,	<u>59 50</u>
	\$18,453 56

EXPENDITURES.

For paid A. R. Dow, Supt. Streets,	\$18,016 22
“ “ Adsit & Bigelow, for coal,	59 50
“ unexpended balance,	<u>377 84</u>
	\$18,453 56

STREET LIGHT DEPARTMENT.

RECEIPTS

From unexpended balance, January 1, 1882,	\$ 190 77
“ appropriation,	<u>4,000 00</u>
	\$4,190 77

EXPENDITURES.

For paid Burlington Gas Light Co.,	\$2,109 88
“ “ Globe Gas Light Co.,	1,382 01
“ “ A. R. Dow, Supt., care of and repairs,	<u>445 51</u>
	\$3,937 40
“ unexpended balance,	<u>253 37</u>
	\$4,190 77

TAX COLLECTIONS, 1879.

RECEIPTS.

From L. J. Smith, constable, collections,	\$	63 48
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EXPENDITURES.

For transfer to City Tax of 1879,	\$	56 15
“ “ “ Highway Tax of 1882,		4 88
“ “ “ Sinking Fund, 1882,		2 45
	\$	63 48

TAX COLLECTIONS, 1880.

RECEIPTS.

From L. J. Smith, constable, collections,	\$	341 77
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EXPENDITURES.

For transfer to City Tax of 1880,		308 31
“ “ “ Highway Tax of 1882,		29 08
“ “ “ Sinking Fund Tax of 1882,		4 38
	\$	341 77

TAX COLLECTIONS, 1881.

RECEIPTS.

From L. J. Smith, constable, collections,	\$	1,161 81
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EXPENDITURES.

For transfer to City Tax of 1881,	\$	914 72
“ “ “ Highway Tax of 1882,		210 28
“ “ “ Sinking Fund of 1882,		31 54
“ paid Joseph Gutchell, poll tax refunded,		3 01
“ “ Louis Ryan, “ “ “		2 26
	\$	1,161 81

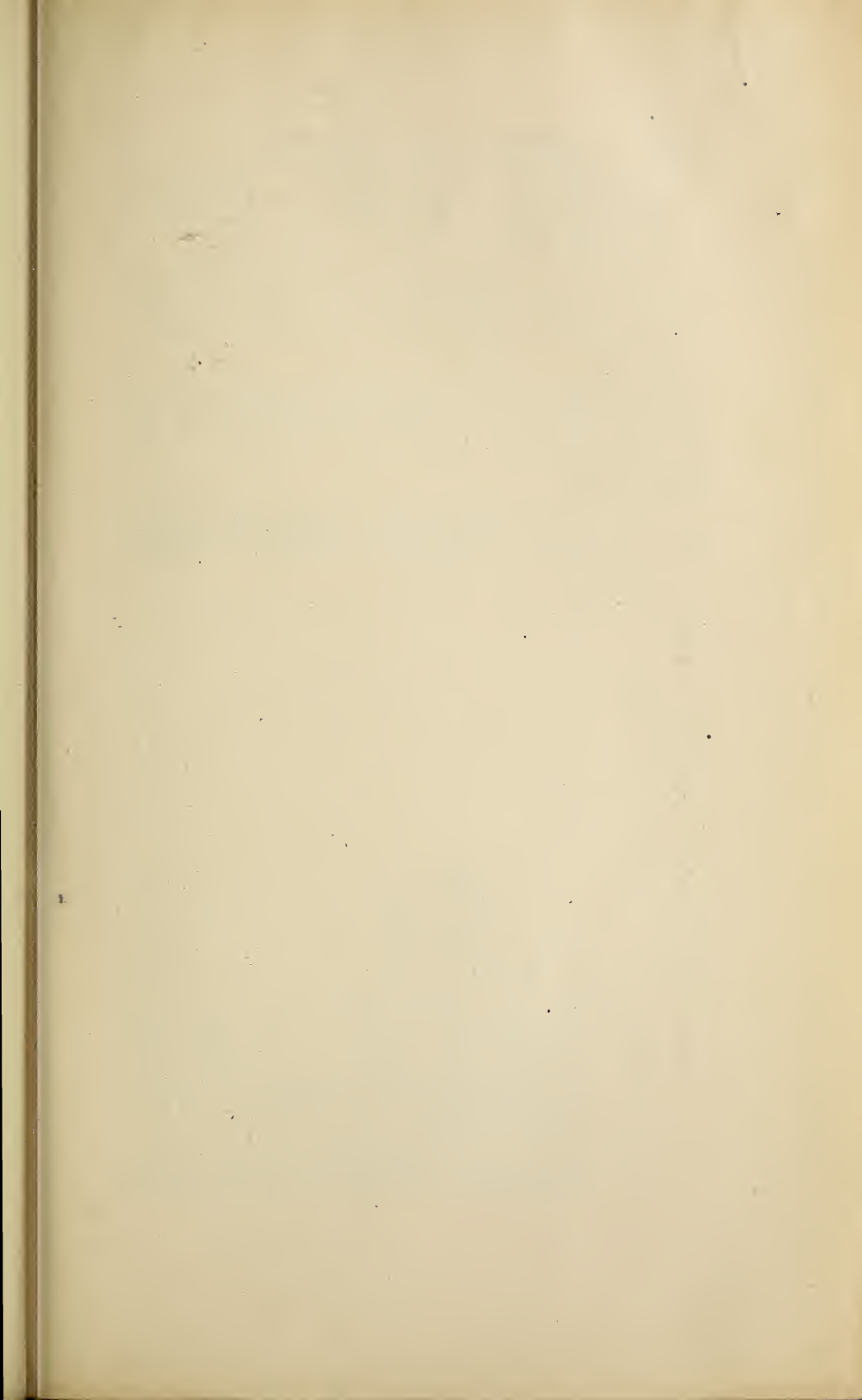
TAX COLLECTIONS, 1882.

RECEIPTS.

From City Treasurer, for collections,	\$73,188 22
“ J. A. Page, State Treasurer, distribution of Savings Bank and Trust Co.,	4,337 81
“ L. J. Smith, constable, for collections,	1,478 53
	<hr/> \$79,004 56

EXPENDITURES.

For transfer to City Tax of 1882,	\$60,116 10
“ “ “ Street Department,	14,932 25
“ “ “ Sinking Fund,	3,949 91
“ paid C. H. Haydon, poll-tax refunded,	2 80
“ “ J. M. Hubbard, poll-tax refunded,	3 50
	<hr/> \$79,004 56



CITY TREASURER'S BALANCE SHEET FOR THE YEAR 1882.

	Exp'd'tures	Receipts.	Dr. Balance.	Cr. Balance.
Bills payable, Water Bonds.....	\$ 10,100 00	\$255,000 00	.....	\$244,900 00
Bills payable, Improvement Bonds.....	.....	35,000 00	.....	35,000 00
Bills payable, Loans.....	31,500 00	50,734 22	.....	19,234 22
Bills payable, Rathborn Fund.....	.....	150 00	.....	150 00
Bills payable, Refunding Loan.....	.....	155,000 00	.....	155,000 00
Bills receivable, B. & L. Capital Stock.....	160,000 00	.....	\$160,000 00	.....
Bills receivable, Cemetery Fund investment.....	350 00	.....	350 00	.....
Bills receivable, Sinking Fund investment.....	72,850 00	.....	72,850 00	.....
Burlington Water Works, construction.....	284,420 39	29,519 40	254,900 99	.....
Burlington Water Works, current.....	8,611 60	7,000 00	1,611 60	.....
Burlington Water Works, collections.....	21,694 00	23,156 58	.....	1,462 58
Bridges, — Winooski and Heineberg.....	13 12	13 13	.....	.....
Cemetery Commissioners.....	674 69	1,021 57	.....	346 88
Cemetery Fund (Lake View).....	.....	350 00	.....	350 00
City Tax, 1879.....	56 15	56 15	.....	.....
City Tax, 1880.....	308 31	308 31	.....	.....
City Tax, 1881.....	4,500 60	4 50 60	.....	.....
City Tax, 1882.....	66,369 41	64,981 16	1,388 25	.....
Criminal Department.....	5,679 83	5,125 33	554 50	.....
Dog Department.....	183 70	183 70	.....	.....
Fire Department.....	3,801 97	5,309 42	.....	1,507 45
Fire Alarm Telegraph.....	841 47	841 47	.....	.....
Fletcher Free Library.....	2,866 07	3,135 36	.....	269 29
Health Department.....	1,976 75	2,100 00	.....	123 25
Improvement of Streets and Sewers.....	35,000 00	.....	35,000 00	.....
Incidental Department.....	6,044 13	5,995 10	.....	.....
Interest account, Water Bonds.....	14,694 00	14,694 00	.....	.....

REPORT OF CITY TREASURER.

191

Interest account, Improvement Bonds.....	2,100 00	2,100 00	.....	2,500 00
Interest account, Refunded Bonds.....	9,500 00	12,000 00	.....	.....
Interest account, Loans.....	259 11	259 11	.....	.....
Interest account, U. S. D. Fund.....	1,396 21	1,396 21	.....	.....
Interest account, Lake View Cemetery.....	16 20	16 20	.....	417 76
Interest account, Sinking Fund.....	.....	417 76	.....	.....
Land Damage and Assessments.....	125 95	125 95	.....	.....
License Department.....	916 62	916 62	.....	.....
Liquor Agency, J. Mitchell, Agent.....	697 12	697 12	.....	.....
Liquor Agency, S. Sheldon.....	328 36	119 00	219 36	.....
Ministerial Fund.....	49 88	49 88	.....	.....
Parks, — City, Battery and College.....	58 19	612 85	.....	59 06
Pauper Department.....	4,448 24	4,890 43	.....	442 19
Public Buildings.....	1,741 58	1,867 33	.....	125 75
School Department.....	31,262 38	31,429 07	.....	106 09
Sewer Department.....	6,549 84	3,546 90	3 002 94	.....
Sidewalk and Street Improvement.....	390 36	397 68	.....	7 32
Sinking Fund.....	102,797 76	175,647 76	.....	72,850 00
Street Department.....	18,075 72	18,453 56	.....	377 84
Street Light Department.....	3,937 40	4,190 77	.....	253 37
Tax collections, 1879.....	63 48	63 48	.....	.....
Tax collections, 1880.....	341 77	341 77	.....	.....
Tax collections, 1881.....	1,161 81	1,161 81	.....	.....
Tax collections, 1882.....	79,004 56	79,004 56	.....	.....
Water Meters.....	491 03	408 45	82 58	.....
Cash Balance.....	5,505 00	.....	5 505 00	.....
Total.....	\$1,004,289 77	\$1,004,289 77	\$ 535,514 27	\$ 535,514 25

Burlington, Vt., December 31, 1882.

We have examined the foregoing accounts of the City Treasurer, together with the vouchers for the items of each department, and find them correct.

G. D. WELLES, City Treasurer.
M. H. STONE,
GEO. W. BECKWITH, } Auditors.
C. A. SUMNER, }

MAYOR'S ESTIMATES.



To the Honorable Board of Aldermen:

GENTLEMEN:—

I herewith submit for your consideration a statement of the financial condition of the City, January 1st, 1883, with an estimate for ordinary expenses for the current year, and the amount necessary to be raised by taxation:

ASSETS.

Balance in Treasury, Jan'y 1, 1883...	\$ 5,505 00
Uncollected taxes, available, list of	
1880.....	\$ 400 00
Uncollected taxes, available, list of	
1881.....	550 00
Uncollected taxes, available, list of	
1882.. .. .	1,000 00
	<hr/> 1,950 00
*Uncollected Water Rates.....	2,155 26
“ sewer and sidewalk assessments.. ..	1,095 86
	<hr/>
Total.....	\$10,706 12

* \$1,086.27 of this amount has been collected since the close of the fiscal year.

LIABILITIES.

Balance of interest due on Refunded	
Bonds, April 1st, 1883.....	\$ 2,500 00
Balance due Cemetery Commissioners.	346 88
“ “ School Department.....	166 69
“ “ Sinking Fund.....	417 76
Unexpended balances of 1882 due the several departments, viz:	
Fire Department.....	1,507 45
Fletcher Free Library ...	269 29
Health Department	123 25
Pauper “	442 19
Park “	29 66
Public Buildings Department.....	125 75
Street “ ..	377 84
Street Light “	253 37
Water Works, construction..	99 01
	<u>\$ 6,659 14</u>
Leaving the balance of assets over liabilities,....	\$4,046 98

ESTIMATED RECEIPTS.

From City Hall rents.....	\$500 00
“ City Market.	100 00
“ Licenses.	600 00
“ Criminal Department.	500 00
“ Water service rates....	22,500 00
“ State tax on Savings Banks ...	2,150 00
	<u>\$26,350 00</u>
Total of assets and estimated receipts.....	\$30,396 98

ESTIMATED EXPENSES.

For salaries.....	\$ 3,000 00
“ Pauper Department.....	4,000 00
“ Fletcher Free Library....	2,500 00
“ Criminal and Police Dept....	4,000 00
“ “ “ “ for overdraft.	554 50
“ Fire Department.....	3,000 00
“ Parks, care of.....	500 00
“ Public Buildings, including Jan- itor.....	800 00
“ Street Light Department.	3,000 00
“ Health “.....	400 00
“ Water Works, current expenses.	7,000 00
“ Sewer Department, overdraft...	3,002 94
“ School “.....	18,719 99
“ Miscellaneous and Incidentals...	6,000 00
	<u>\$56,477 43</u>

INTEREST ACCOUNT.

Interest on Water bonds, 6s.	\$14,694 00
“ “ Improvement bonds, 6s..	2,100 00
“ “ Refunded “ 5s..	8,000 00
“ “ U. S. Deposit Fund.	1,396 21
“ “ Temporary Loans.	300 00
	<u>\$26,490 21</u>
	\$82,967 64
Deduct assets and estimated receipts..	<u>\$30,396 98</u>
Which leaves to be provided for by tax, ...	<u>\$52,570 66</u>
The present Grand List is	\$69,049 61
A tax of 77 cents on the dollar will raise.....	\$53,168 19

Taking the present Grand List as a basis, it will require for the current year—

A city tax, including school tax, of.....	77 cents.
Highway tax (fixed by law).....	15 “
Sinking Fund tax.....	5 “
<hr/>	
A total of.....	97 cents.

The bonded debt of the city is as follows :

Water bonds, 6s.....	\$244,900 00
Improvement bonds, 6s.....	35,000 00
Refunded “ 5s.....	160,000 00
Total.....	<hr/> \$439,900 00

The sinking fund holds,—

City bonds, 6s.....	\$ 17,850 00
“ “ 5s.....	55,000 00
Funds uninvested ..	417 76
	<hr/> \$ 73,267 76

Which, deducted, leaves the actual balance of

the bonded debt..... \$366,632 24

Showing a reduction of \$10,184.28, the past year.

JO D. HATCH,

February 5, 1883.

Mayor.

AN ORDINANCE IN AMENDMENT OF AN ORDINANCE, ENTITLED "AN ORDINANCE ESTABLISHING A FIRE DEPARTMENT," APPROVED DECEMBER 7, 1875.

It is hereby ordained by the City Council of the City of Burlington, as follows:

Sec. 1. Section 6 of an Ordinance, entitled "An Ordinance establishing a Fire Department," approved December 7, 1875, is hereby amended by adding after the words "from the department," in the eleventh line of the first paragraph of said section 6, the following words: "It is hereby further provided that any officer or member, on dismissal as aforesaid, shall for the period of three months after such dismissal be ineligible to membership in any fire company belonging to the City Fire Department, and if he be an officer of any fire company, he shall be ineligible to any official position in any such fire company for a ^{Reinstated,} ~~how.~~ period of six months after such dismissal.

Sec. 2. Section six (6) of said Ordinance is further hereby amended by striking out the word "proceedings" in the third line of the third paragraph of said Section 6, and in the seventeenth line of the section, and inserting in lieu thereof the word "decision." So that the third paragraph of said section as amended will read as follows: "On the dismissal of any officer or member from the Fire Department as aforesaid, the City Clerk shall immediately transmit a certified ^{Decision, how trans-} ~~mitted.~~ copy of the *decision*," etc.

Read three times in Board of Aldermen and passed under a suspension of the rules, December 4, 1882.

Attest, WM. H. ROOT, Clerk.

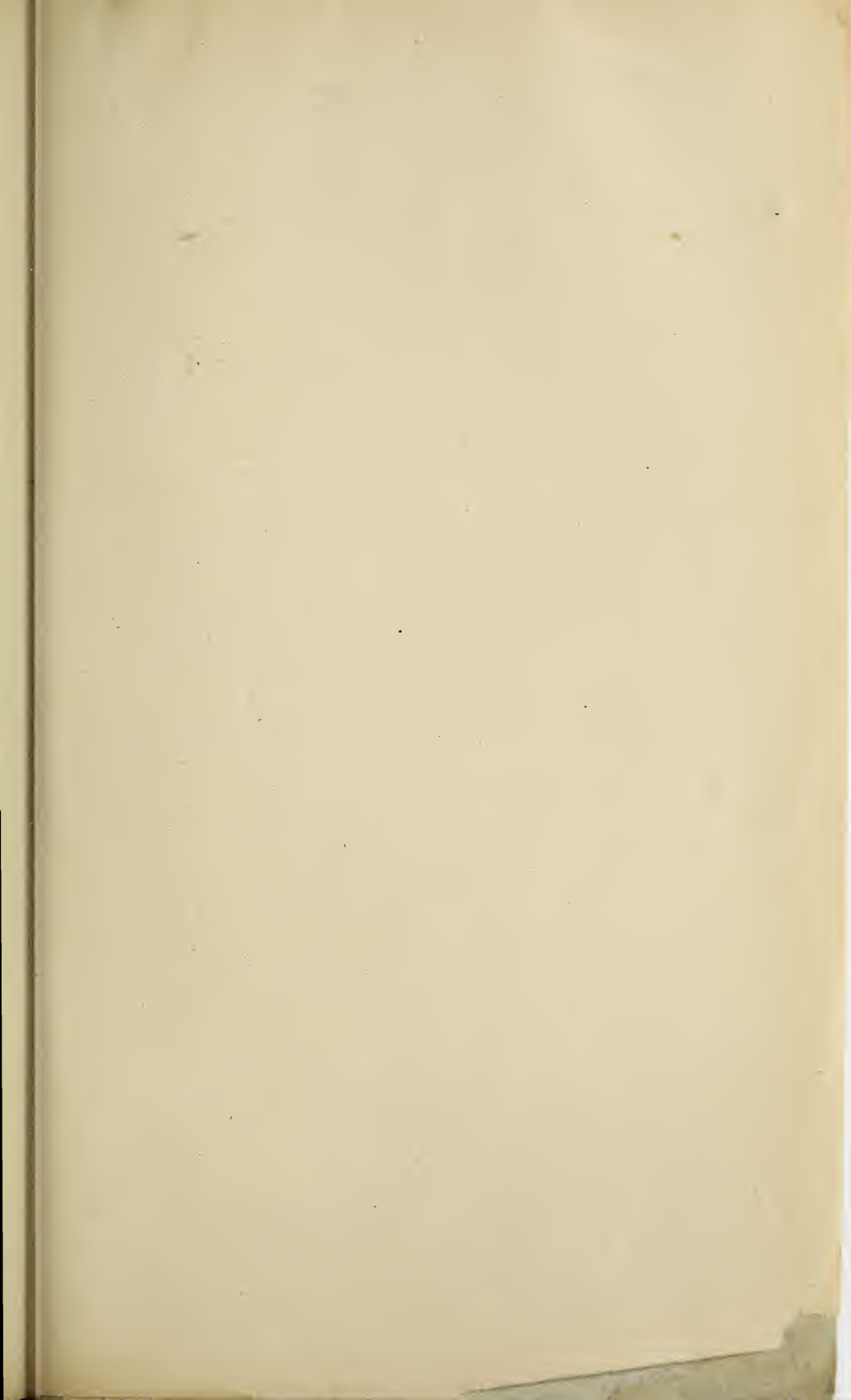
Approved Dec. 7, 1882.

JO D. HATCH, Mayor.

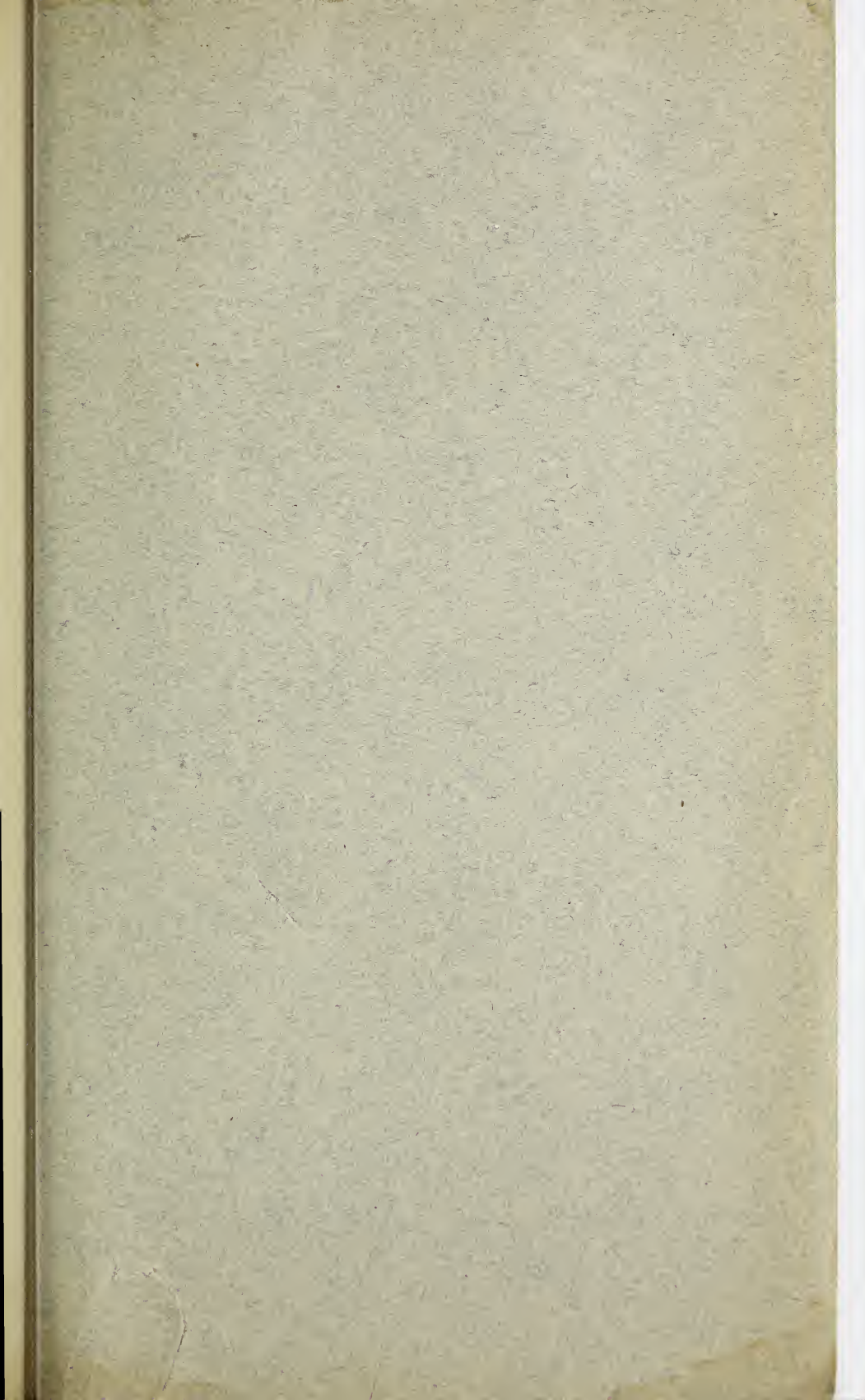
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CITY ELECTION.

WARNING:

The Legal Voters in City meeting, of the City of Burlington, Vermont, are hereby notified and warned to meet on Tuesday, the Sixth day of March, A. D. 1883,

At Ten o'clock in the forenoon, in their respective Wards, at the several voting places hereinafter named, for the purpose of electing a Mayor; a City Judge; a County Commissioner; and for the purpose of electing in *Ward One*,

1. One Alderman; One School Commissioner for a term of one year, and Ward Officers; and in *Ward Two*,

2. One Alderman; One School Commissioner and Ward Officers; and in *Ward Three*,

3. One Alderman and Ward Officers; and in *Ward Four*,

4. One Alderman; One School Commissioner and Ward Officers; and in *Ward Five*,

5. One Alderman; One School Commissioner and Ward Officers.

All of whom to hold office for one year, except Alderman and School Commissioner, who are to be elected for terms of two years each, except School Commissioner in Ward One, which is for a term of one year to fill out the unexpired term of John W. Norton, resigned.

The following are designated as voting places, viz:

In Ward One: at the house No. 118 Colechester Avenue, opposite the Mary Fletcher Hospital.

In Ward Two: at the house of Star Hose Company, No. 2, on North Street, near Winooski Avenue.

In Ward Three: at the house of Barnes Hose Company, No. 7, on Champlain Street,—(East side).

In Ward Four: at the City Court Room, in the City Hall building.

In Ward Five: at the room in the basement of the Van Ness House,—(St. Paul Street side).

The polls open at 10 o'clock in the forenoon, and close at 4 o'clock in the afternoon.

JO D. HATCH,

BURLINGTON, VT., Feb. 21, 1883.

Mayor.

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